
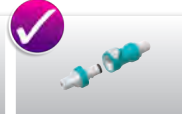


# 2

## THERMOPLASTIC & BRASS COUPLINGS


Thermoplastic quick disconnect couplings offer a compact size, high flow capacity, and a lightweight design to serve various applications in the industrial process and science markets. They allow for quick, one-hand connection and disconnection, making fluid handling safe and easy.








			
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52 NS4 Series Non-Spill Polypropylene	54 NS6 Series Non-Spill	55 NSH Series	56 Everis™ PLQ2 Series





			
56 Everis™ PLQ4 Series	57 Everis™ BLQ2 Series	57 Everis™ BLQ4 Series	58 Everis™ BLQ6 Series



			
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66 PMC Series	68 PMC12 Series	71 Fuel Line Couplings	72 PLC Series

# THERMOPLASTIC & BRASS COUPLINGS



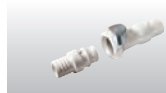
74  
PLC12 Series



76  
APC Series



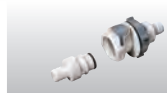
78  
EFC12 Series



79  
FFC35 Series



80  
HFC12 Series



82  
HFC35 Series



84  
HFC57 Series



86  
MC Series



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LC Series



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Twin Tube™ Series



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Sixtube™ Series



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Tentube™ Series



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Multi-Mount Series



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DTLD Series



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DPC Series



97  
Puncture Seal Series



98  
Universal  
Dispensing Series



99  
BQ45GL Series



100  
Fittings &  
Accessories



101  
Tube & Luer  
Fittings

























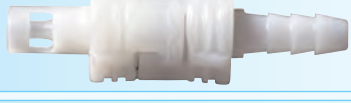
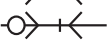

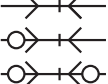
105  
Check Valves &  
HDPE In-Line Filters


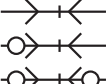

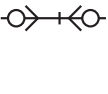

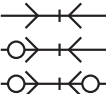

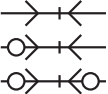

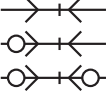

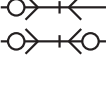

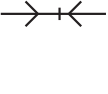

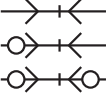

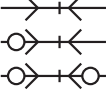

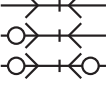

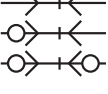
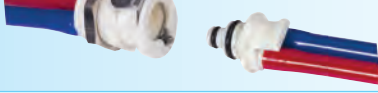


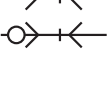


106  
Modified Products, Panel  
Mount Dimensions

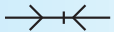
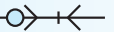
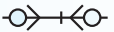



107  
Material Options

	<p><b>49</b> <b>NS1:</b> Smallest plastic non-spill coupling features enable secure connection &amp; drip free disconnect  <b>Material:</b> Glass filled polypropylene, PEEK®, polypropylene  <b>Tubing ID Sizes:</b> Microbore to 1/8" (microbore to 3.2 mm)</p>	
	<p><b>50</b> <b>NS212:</b> Twist to connect design features non-spill valves designed to provide fast, safe &amp; virtually leak free fluid line connections  <b>Material:</b> Glass filled polypropylene  <b>Tubing ID Sizes:</b> 1/8" to 1/4" (3.2 mm to 6.4 mm)</p>	
	<p><b>51</b> <b>NS4:</b> Non-spill coupling that virtually eliminates spills, minimises downtime &amp; enhances operator safety  <b>Material:</b> ABS/Glass filled polypropylene  <b>Tubing ID Sizes:</b> 1/8" to 3/8" (3.2 mm to 9.5 mm)</p>	
	<p><b>54</b> <b>NS6:</b> Durable, yet lightweight construction that features non-spill valves &amp; is compatible with many chemicals  <b>Material:</b> Glass filled polypropylene  <b>Tubing ID Sizes:</b> 3/8" to 1/2" (9.5 mm to 12.7 mm)</p>	
	<p><b>55</b> <b>NSH:</b> Pressure balanced non-spill design with 100% metal free, spring free flow path  <b>Material:</b> Glass filled polypropylene  <b>Tubing ID Sizes:</b> 3/8" to 3/4" (9.5 mm to 19.0 mm)</p>	
	<p><b>57</b> <b>Everis™ BLQ2:</b> Ultra reliable, driplless connections &amp; disconnections that protect valuable electronics  <b>Material:</b> Chrome plated brass  <b>Tubing ID Sizes:</b> 1/4" SAE-4</p>	
	<p><b>57</b> <b>Everis™ BLQ4:</b> Ultra reliable, driplless connections &amp; disconnections that protect valuable electronics  <b>Material:</b> Chrome plated brass  <b>Tubing ID Sizes:</b> 1/2" SAE-8, 3/8" SAE-6</p>	
	<p><b>58</b> <b>Everis™ BLQ6:</b> Ultra reliable, driplless connections &amp; disconnections that protect valuable electronics  <b>Material:</b> Anodised aluminium  <b>Tubing ID Sizes:</b> 1/2", 3/8" SAE-6</p>	
	<p><b>59</b> <b>Everis™ LQ2:</b> Liquid cooling non-spill coupling guarantees a secure, reliable connection &amp; driplless disconnect  <b>Material:</b> Chrome plated brass  <b>Tubing ID Sizes:</b> 1/4" (6.4 mm ID)</p>	
	<p><b>60</b> <b>Everis™ LQ4:</b> Liquid cooling non-spill coupling guarantees a secure, reliable connection &amp; driplless disconnect  <b>Material:</b> Chrome plated brass  <b>Tubing ID Sizes:</b> 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p><b>62</b> <b>Everis™ LQ6:</b> Liquid cooling non-spill coupling guarantees a secure, reliable connection &amp; driplless disconnect  <b>Material:</b> Chrome plated brass  <b>Tubing ID Sizes:</b> 3/8" to 1/2" ID (9.5 mm to 12.7 mm ID)</p>	
	<p><b>64</b> <b>SMC &amp; SMF1:</b> Twist to connect design provides a reliable &amp; secure alternative to luer type connections  <b>Material:</b> Acetal, polypropylene, polycarbonate, ABS, chrome plated brass  <b>Tubing ID Sizes:</b> 1/16" to 1/8" (1.6 mm to 3.2 mm)</p>	
	<p><b>66</b> <b>PMC:</b> Features one hand connection &amp; disconnection &amp; integral terminations; easier to use than ball &amp; sleeve designs  <b>Material:</b> Acetal  <b>Tubing ID Sizes:</b> 1/16" to 1/4" (1.6 mm to 6.4 mm)</p>	

	<p><b>68</b> <b>PMC12:</b> Offered with a variety of configurations &amp; chemical resistance for demanding applications; gamma sterilisable  <b>Material:</b> Polypropylene  <b>Tubing ID Sizes:</b> Microbore to 1/4" (microbore to 6.4 mm)</p>	
	<p><b>71</b> <b>Fuel Line:</b> Available in acetal or chrome plated brass, the FKM seals are compatible with petrol  <b>Material:</b> Acetal, or chrome plated brass  <b>Tubing ID Sizes:</b> 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p><b>72</b> <b>PLC:</b> Widest selection of sizes &amp; configurations offered; resistant to most mild chemical solutions  <b>Material:</b> Acetal  <b>Tubing ID Sizes:</b> 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p><b>74</b> <b>PLC12:</b> Materials of construction offer broad chemical resistance for demanding applications; gamma sterilisable  <b>Material:</b> Polypropylene  <b>Tubing ID Sizes:</b> 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p><b>76</b> <b>APC:</b> Features plastic thumb latch, fewer moving parts, &amp; a smooth contoured design to deliver ease of use &amp; excellent flow  <b>Material:</b> Acetal  <b>Terminations:</b> 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p><b>78</b> <b>EFC12:</b> High efficiency valve design provides high flow capability; bulkhead panel mount options facilitate tight seals against tank walls &amp; drums  <b>Material:</b> Polypropylene  <b>Tubing ID Sizes:</b> 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p><b>79</b> <b>FFC35:</b> Features non-valved &amp; unobstructed flow path to increase flow &amp; minimise turbulence  <b>Material:</b> Polysulfone  <b>Tubing ID Sizes:</b> 3/4" (19 mm)</p>	
	<p><b>80</b> <b>HFC12:</b> Efficient valve design leads to high flow &amp; exceptionally low spillage; shrouded thumb latch is easy to grip &amp; simple to operate  <b>Material:</b> Polypropylene  <b>Tubing ID Sizes:</b> 3/8" to 3/4" (9.5 mm to 19 mm)</p>	
 <p>HFC35 pictured</p>	<p><b>82</b> <b>HFC35 &amp; 57:</b> Withstands harsh environments &amp; is offered with or without UV resistant materials to withstand harmful rays without affecting performance  <b>Material:</b> Polysulfone (white), UV polysulfone (black)  <b>Tubing ID Sizes:</b> 3/8" to 3/4" (9.5 mm to 19 mm)</p>	
	<p><b>86</b> <b>MC:</b> Durable &amp; able to withstand higher pressure &amp; temperature; easy one hand connection &amp; disconnection  <b>Material:</b> Chrome plated brass  <b>Tubing ID Sizes:</b> 1/8" to 1/4" (3.2 mm to 6.4 mm)</p>	
	<p><b>88</b> <b>LC:</b> Durable &amp; able to withstand higher pressure &amp; temperature; easy one-hand connection &amp; disconnection  <b>Material:</b> Chrome plated brass  <b>Tubing ID Sizes:</b> 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p><b>90</b> <b>TwinTube™:</b> One easy to use, quick disconnect for two separate non-valved flow paths  <b>Material:</b> Acetal, ABS  <b>Tubing ID Sizes:</b> 1/16" to 1/8" (1.6 mm to 3.2 mm)</p>	
	<p><b>91</b> <b>SixTube™:</b> Snap-in panel mount design &amp; flexibility to connect &amp; disconnect six separate lines with or without valves  <b>Material:</b> Acetal, polypropylene  <b>Tubing ID Sizes:</b> 1/16" to 1/8" (1.6 mm to 3.2 mm)</p>	

	<p><b>92 TenTube™:</b> Allows connection &amp; disconnection of up to 10 lines with one slide latch; tubing orientation ensured by physical keying  <b>Material:</b> Acetal, polypropylene  <b>Tubing ID Sizes:</b> 1/16" to 1/8" (1.6 mm to 3.2 mm)</p>	 
	<p><b>94 Multi-Mount:</b> Connects three to five lines at once; keyed to prevent mismatched connections  <b>Material:</b> Acetal, chrome plated brass  <b>Tubing ID Sizes:</b> 1/8" to 3/8" (3.2 mm to 9.5 mm)</p>	  
	<p><b>96 DTL D:</b> Dual flow couplings for independent or simultaneous connections of loose tube sets          Compatible with all PLC, PLC12 &amp; LC Series inserts  <b>Material:</b> ABS  <b>Tubing ID Sizes:</b> 1/4" to 3/8" ID (6.4 mm to 9.5 mm ID)</p>	 
	<p><b>96 DPC:</b> Dual port connection in a contoured design for simultaneous connections &amp; disconnections where two fluid lines are required  <b>Material:</b> Acetal  <b>Tubing ID Sizes:</b> 1/4" to 3/8" ID (6.4 mm to 9.5 mm ID)</p>	  
	<p><b>97 Puncture Seal:</b> Provides closed connection to Hedwin Cubitainer® bag in box container systems  <b>Material:</b> Polypropylene (coupling) &amp; polyethylene (cap)  <b>Tubing ID Sizes:</b> 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	 
	<p><b>98 UDC:</b> Provides closed connection to bag in box packaging with 38 mm threaded necks  <b>Material:</b> Polypropylene (coupling) &amp; acetal (cap)  <b>Tubing ID Sizes:</b> 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p><b>99 BQ45GL:</b> Quick disconnect coupling or fitting integrated into a cap designed for 45 GL bottles  <b>Material:</b> Polyethylene</p>	 
	<p><b>100 Fittings &amp; Accessories</b></p>	
	<p><b>101 Tube Fittings</b></p>	

Symbol Guide			
 Straight Through	 Single Shut-Off	 Double Shut-Off	 Non-Spill

## DESCRIPTION

The new NS1 Series couplings' compact, closed system design is packed full of features, including non-spill shut off valves that ensure drip free disconnection & eliminate the need to purge air from the system. The smallest plastic non-spill coupling on the market, NS1 is perfect for applications with tubing from 1/8 inch down to microbore. Its rotating design allows tubing to move freely without kinks. Ideal for applications that need to be connected & disconnected often, the ergonomic, user-friendly interface enables a secure, reliable connect & disconnect.

\* Tubing size dependent on nut & ferrule used with 1/4-28. Please see page 70 for 1/4-28 UNF nuts & ferrules.

## FEATURES

- Non-spill design
- Ultra low air inclusion
- Intuitive interface
- Rotating design
- Chemically resistant materials

## BENEFITS

- Closed system for drip free disconnection
- Minimises contaminants, eliminates the need to purge air bubbles from the system
- User-friendly, ergonomic design enables a secure, reliable connection
- Allows tubing to move freely or relax without kinking or leaking
- Reliable strength & performance in a range of applications

## SPECIFICATIONS

Main components	Glass filled polypropylene
Seal material	EPDM, FKM available
Springs	316 stainless steel, Hastelloy C available upon request
Lubricants	Krytox® PFPE (inert)
Working pressure	Vacuum to 15 psi (1 bar)
Operating temperature	0°C to 49°C (32°F to 120°F)
Spillage	<0.02 cc / disconnect



Min. quantities may apply – please ask at time of ordering

## COUPLING BODIES

### IN-LINE – VALVED UNF MALE



PART NUMBER	THREAD	PRICE
cNS1D10042812	1/4-28 UNF	£28.51

### IN-LINE – VALVED HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS1D170212	1/8"	3.2 mm	£28.15

### IN-LINE – VALVED UNF FEMALE



PART NUMBER	THREAD	PRICE
cNS1D19042812	1/4-28 UNF	£27.25

## COUPLING INSERTS

### IN-LINE – VALVED UNF MALE



PART NUMBER	THREAD	PRICE
cNS1D24042812	1/4-28 UNF	£13.19

### IN-LINE – VALVED HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS1D220212	1/8"	3.2 mm	£11.74

### IN-LINE – VALVED UNF FEMALE



PART NUMBER	THREAD	PRICE
cNS1D26042812	1/4-28 UNF	£13.49

## ACCESSORIES

### BULKHEAD O-RING



PART NUMBER	DESCRIPTION	PRICE
c731303	Polypropylene panel mount O-ring	£1.64

### PANEL MOUNT – VALVED HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS1D420212	1/8"	3.2 mm	£20.06

### Do you also need?



1/4-28 UNF  
nuts & ferrules

Find it on page 70, section two

### PANEL MOUNT – VALVED UNF FEMALE



PART NUMBER	THREAD	PRICE
cNS1D48042812	1/4-28 UNF	£19.71



FEATURES		BENEFITS	
<ul style="list-style-type: none"> <li>Efficient, non-spill design</li> <li>Multiple seal</li> <li>Twist to connect locking system</li> <li>Compact design</li> <li>Ultra low air inclusion</li> </ul>		<ul style="list-style-type: none"> <li>Disconnect under pressure with no spills</li> <li>Broad chemical compatibility for diverse applications</li> <li>Easy, non-spill connections in tight spaces</li> <li>High flow in a small connector</li> <li>Minimises contaminants, reduces the need to purge lines</li> </ul>	
SPECIFICATIONS			
Main components	Glass filled polypropylene		
Seal material	EPDM (FKM / Simriz® FFKM optional)		
Springs	316 stainless steel		
Working pressure	Vacuum to 45 psi (3.1 bar)		
Operating temperature	0°C to 49°C (32°F to 120°F)		
Spillage	<0.025 cc / disconnect		



Min. quantities may apply – please ask at time of ordering

## COUPLING BODIES

## COUPLING INSERTS

### PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD	PRICE
cNS2D100212	1/8" NPT	£11.87

### PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD	PRICE
cNS2D240212	1/8" NPT	£12.28

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS2D170212	1/8"	3.2 mm	£11.91
cNS2D170412	1/4"	6.4 mm	£11.37

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS2D220212	1/8"	3.2 mm	£12.11
cNS2D220412	1/4"	6.4 mm	£11.20

### IN-LINE – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cNS2D130412	1/4"	0.17"	6.4 x 4.3 mm	£16.67

### IN-LINE – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cNS2D200412	1/4"	0.17"	6.4 x 4.3 mm	£13.97

### PANEL MOUNT – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cNS2D120412	1/4"	0.17"	6.4 x 4.3 mm	£20.93

## ACCESSORIES

### GASKETS



800

PART NUMBER	DESCRIPTION	PRICE
c1830300	NBR panel mount gasket	£1.29

### PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS2D160212	1/8"	3.2 mm	£16.15
cNS2D160412	1/4"	6.4 mm	£16.70



FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Non-spill design</li> <li>• Colour coding options</li> <li>• Easy to use thumb latch</li> </ul>	<ul style="list-style-type: none"> <li>• Disconnect under pressure with no spills</li> <li>• Durable &amp; compatible with many chemicals</li> <li>• One hand connection &amp; disconnection</li> <li>• Instant visual differentiation of media lines</li> </ul>
SPECIFICATIONS	
Main components	ABS
Seal material	EPDM, FKM optional
Springs	316 stainless steel
Lubricants	Krytox® PFPE (inert)
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	0°C to 71°C (32°F to 160°F)
Flow capacity	Cv 0.60
Spillage	<0.10 cc / disconnect



Min. quantities may apply – please ask at time of ordering

## COUPLING BODIES

### PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD	PRICE
cNS4D100046	1/4" NPT	£27.86

## COUPLING INSERTS

### PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD	PRICE
cNS4D240046	1/4" NPT	£25.99
cNS4D240406	1/4" BSPT	£33.32

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS4D170046	1/4"	6.4 mm	£28.18
cNS4D170066	3/8"	9.5 mm	£26.48

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS4D220046	1/4"	6.4 mm	£26.86
cNS4D220066	3/8"	9.5 mm	£24.84

### IN-LINE – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cNS4D130066	3/8"	1/4"	9.5 x 6.4 mm	£37.46

### PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS4D420066	3/8"	9.5 mm	£33.38

## ACCESSORIES

### GASKETS



800

PART NUMBER	DESCRIPTION	PRICE
c1879800	EPDM panel mount gasket	£1.34







FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Non-spill design</li> <li>• Colour coding options</li> <li>• Easy to use thumb latch</li> </ul>	<ul style="list-style-type: none"> <li>• Disconnect under pressure with no spills</li> <li>• Instant visual differentiation of media lines</li> <li>• Durable &amp; compatible with many chemicals</li> <li>• One hand connection &amp; disconnection</li> </ul>
SPECIFICATIONS	
Main components	Glass filled polypropylene
Seal material	EPDM, FKM optional
Springs	316 stainless steel
Lubricants	Krytox® PFPE (inert)
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	0°C to 71°C (32°F to 160°F)
Flow capacity	Cv 0.60
Spillage	<0.10 cc / disconnect



Min. quantities may apply – please ask at time of ordering

## COUPLING BODIES

### PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD	PRICE
cNS4D10004	1/4" NPT	£22.51

### BSPT MALE

cNS4D10040	1/4" BSPT	£22.92
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### IN-LINE – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cNS4D13004	1/4"	0.17"	6.4 x 4.3 mm	£25.46
cNS4D13006	3/8"	1/4"	9.5 x 6.4 mm	£25.47

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS4D17002	1/8"	3.2 mm	£22.91
cNS4D17004	1/4"	6.4 mm	£22.22
cNS4D17006	3/8"	9.5 mm	£22.26

### Do you also need?



### EPDM gaskets

Find it on page 51, section two



Colour coded versions & other seal materials available.

Minimum order quantities will apply.

COUPLING INSERTS

PIPE THREAD – VALVED  
NPT MALE



PART NUMBER	THREAD	PRICE
cNS4D24004	1/4" NPT	£17.13

BSPT MALE

cNS4D24040	1/4" BSPT	£16.66
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PANEL MOUNT – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS4D42002	1/8"	3.2 mm	£20.38
cNS4D42004	1/4"	6.4 mm	£19.82
cNS4D42006	3/8"	9.5 mm	£20.11

IN-LINE – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS4D22002	1/8"	3.2 mm	£17.38
cNS4D22004	1/4"	6.4 mm	£16.32
cNS4D22006	3/8"	9.5 mm	£16.90

PANEL MOUNT ELBOW – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS4D43004	1/4"	6.4 mm	£23.24
cNS4D43006	3/8"	9.5 mm	£24.04

IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cNS4D20004	1/4"	0.17"	6.4 x 4.3 mm	£19.73
cNS4D20006	3/8"	1/4"	9.5 x 6.4 mm	£17.97

ELBOW – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS4D23004	1/4"	6.4 mm	£19.76
cNS4D23006	3/8"	9.5 mm	£18.59

PANEL MOUNT – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cNS4D40004	1/4"	0.17"	6.4 x 4.3 mm	£23.07
cNS4D40006	3/8"	1/4"	9.5 x 6.4 mm	£23.46



Colour coded versions also available. Minimum quantities will apply.

Do you also need?

**PARKAIR®**

**Silicone tube**

- Unreinforced & reinforced ranges available
- Ideal for food handling, beverage lines & laboratories
- FDA approved



Find it on page 671, section ten

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Non-spill design</li> <li>• Colour coding options</li> <li>• Easy to use thumb latch</li> </ul>	<ul style="list-style-type: none"> <li>• Disconnect under pressure with no spills</li> <li>• Instant visual differentiation of media lines</li> <li>• Durable &amp; compatible with many chemicals</li> <li>• One hand connection &amp; disconnection</li> </ul>
SPECIFICATIONS	
Main components	Glass filled polypropylene
Seal material	EPDM, FKM optional
Springs	316 stainless steel
Lubricants	Krytox® PFPE (inert)
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	0°C to 71°C (32°F to 160°F)
Flow capacity	Cv 2.2
Spillage	<0.03 cc / disconnect @ 0 psi <0.30 cc / disconnect @ 120 psi



## COUPLING BODIES

### PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD	PRICE
cNS6D10008	1/2" NPT	£34.61

### BSPT MALE

cNS6D10080	1/2" BSPT	£33.51
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## COUPLING INSERTS

### PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD	PRICE
cNS6D24008	1/2" NPT	£23.32

### BSPT MALE

cNS6D24080	1/2" BSPT	£23.82
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### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS6D17006	3/8"	9.5 mm	£34.05
cNS6D17008	1/2"	12.7 mm	£35.17

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS6D22006	3/8"	9.5 mm	£22.67
cNS6D22008	1/2"	12.7 mm	£24.15

### IN-LINE – VALVED COMPRESSION



800

PART NUMBER	TUBE OD	METRIC EQ.	PRICE
cNS6D13008	1/2"	12.7 mm	£41.17

### IN-LINE – VALVED COMPRESSION



800

PART NUMBER	TUBE OD	METRIC EQ.	PRICE
cNS6D20008	1/2"	12.7 mm	£35.72

## ACCESSORIES

### GASKETS

800

PART NUMBER	DESCRIPTION	PRICE
c1884300	EPDM panel mount gasket	£1.74
c1889600	FKM panel mount gasket	£2.49

### PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNS6D42006	3/8"	9.5 mm	£32.39
cNS6D42008	1/2"	12.7 mm	£30.90



Colour coded versions also available. Minimum quantities will apply.

### PANEL MOUNT – VALVED COMPRESSION

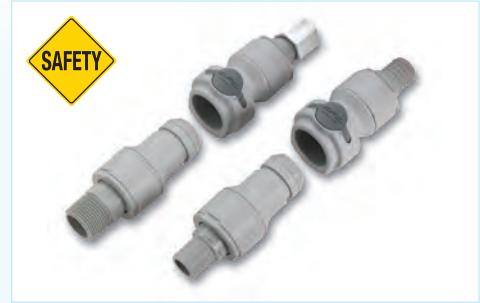


800

PART NUMBER	TUBE OD	METRIC EQ.	PRICE
cNS6D40008	1/2"	12.7 mm	£38.49

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>All plastic flow path</li> <li>Non-spill design</li> <li>Easy to use thumb latch</li> </ul>	<ul style="list-style-type: none"> <li>Disconnect under pressure with no spills</li> <li>High flow, low turbulence, no corrosion</li> <li>Durable &amp; compatible with many chemicals</li> </ul>
SPECIFICATIONS	
Main components	Glass filled polypropylene
Seal material	EPDM
Springs (non wetted)	316 stainless steel
Lubricants	Krytox® PFPE (inert)
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	0°C to 49°C (32°F to 120°F)
Flow capacity	Cv 3.0
Spillage	<0.10 cc / disconnect (reconnect)

Also available in PTFE / Kalrez – please ask for details



Min. quantities may apply – please ask at time of ordering

## COUPLING BODIES

### IN-LINE – VALVED NPT MALE



800

PART NUMBER	THREAD	PRICE
cNSHD10008	1/2" NPT	£85.37
cNSHD10012	3/4" NPT	£101.00

## COUPLING INSERTS

### IN-LINE – VALVED NPT MALE



800

PART NUMBER	THREAD	PRICE
cNSHD24008	1/2" NPT	£85.37
cNSHD24012	3/4" NPT	£97.00

### BSPT MALE

cNSHD240060	3/8" BSPT	£88.74
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### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNSHD17006	3/8"	9.5 mm	£87.56
cNSHD17008	1/2"	12.7 mm	£85.37
cNSHD17010	5/8"	15.9 mm	£90.21
cNSHD17012	3/4"	19.0 mm	£86.37

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cNSHD22006	3/8"	9.5 mm	£95.60
cNSHD22008	1/2"	12.7 mm	£83.01
cNSHD22010	5/8"	15.9 mm	£89.16
cNSHD22012	3/4"	19.0 mm	£86.37

### IN-LINE – VALVED COMPRESSION



800

PART NUMBER	TUBE OD	METRIC EQ.	PRICE
cNSHD13006	3/8"	9.5 mm	£103.71
cNSHD13008	1/2"	12.7 mm	£97.04

### IN-LINE – VALVED COMPRESSION



800

PART NUMBER	TUBE OD	METRIC EQ.	PRICE
cNSHD20006	3/8"	9.5 mm	£101.17
cNSHD20008	1/2"	12.7 mm	£97.04

### IN-LINE – VALVED NPT FEMALE



800

PART NUMBER	THREAD	PRICE
cNSHD19006	3/8" NPT	£103.91

### IN-LINE – VALVED NPT FEMALE



800

PART NUMBER	THREAD	PRICE
cNSHD26006	3/8" NPT	£107.12

## ACCESSORIES

### ACCESSORIES



800

PART NUMBER	DESCRIPTION	PRICE
cNSHPMKIT12	Panel mount kit with panel seal	£52.76
c1800700	Dust plug / cap for body or insert	£2.51





# CPC Everis™ PLQ2 & PLQ4 Series Connectors

Everis™ PLQ2 and PLQ4 Series liquid cooling connectors are designed to offer ultra-reliable and dripless connections and disconnections. These connectors are made of PPSU, a lightweight, high-performance thermoplastic not susceptible to galvanic corrosion. Additionally, they are rated UL94 V0 flame retardant, making them safe to use. With an ergonomic thumb latch, Everis™ PLQ2 and PLQ4 fittings are easy to use and specifically designed for liquid cooling electronics applications. They offer a high-flow capacity to optimise thermal management system performance. Everis™ PLQ2 and PLQ4 quick disconnects are equipped with CPC-developed valve technology designed for long-term use, guaranteeing no spill upon disconnect.

## Features

- Made of high-performance PPSU material
- Non-spill valve design
- High flow-to-size ratio with low-pressure drop
- Ergonomic body and latch design
- Audible click upon connection
- Barbed and threaded termination options
- Robust product testing (product tested to 10,000 cycles), dimensional stability

## Benefits

- Lightweight, durable and chemically compatible with widely used liquid cooling fluids and UL94 V0 flame retardant
- No drips during connection or disconnection
- Increased cooling efficiency in small spaces
- Simple, intuitive one-handed operation
- Provides connection assurance
- Meets preferences for mounting or tubing connections
- High durability and reliability in long-use applications
- PLQ2 series interchange with LQ2, PLQ4 series interchange with LQ4

Don't hesitate to get in touch with your distributor for further details.

WARNING: Pressure, temperature, chemicals, and operating environment can impact coupling performance. Customers must test CPC's products in their application.



### PRESSURE

Vacuum to 8.3 bar (120 psi)

### OPERATING TEMPERATURE

PLQ2: -17°C to +115°C (0°F to 240°F)

PLQ4: -17°C to +85°C (0°F to 185°F)

### MATERIALS

Main Components: Polyphenylsulfone PPSU

Valves & Thumb latch: PPSU

Valve Springs (wetted): Stainless steel

External spring: Stainless steel

Seals: EPDM

Seal Spacer: PTFE

Compliance: RoHS, REACH

### COLOUR

Matt black with cool blue or warm red

### TUBING SIZES

PLQ2: 1/4" ID (6.4 mm ID)

PLQ4: 1/4" to 3/8" ID (6.4 mm to 9.5 mm ID)

### LUBRICANTS

Krytox® PFPE

### SPILLAGE

PLQ2: <0.015 cc per disconnect at 0 bar

<0.063 cc per disconnect rated at 13.8 bar

PLQ4: <0.025 cc per disconnect at 0 bar

<0.055 cc per disconnect at 8.3 bar

### FLOW COEFFICIENT

PLQ2: Cv ~ 0.37 (0.3 Kv)

PLQ4: Cv ~ 1.37 (1.1 Kv)



FEATURES		BENEFITS	
<ul style="list-style-type: none"> <li>• Non-spill design</li> <li>• Redundant sealing when connected</li> <li>• Friction-free valve</li> <li>• Ruggedness</li> <li>• Axial engagement tolerance</li> </ul>		<ul style="list-style-type: none"> <li>• Disconnect under pressure with no spills</li> <li>• Extra protection from leaks</li> <li>• Valving system designed for extended periods in connected state</li> <li>• Able to withstand long term, repeated use</li> <li>• Valves designed to allow full flow even when not fully engaged</li> </ul>	
SPECIFICATIONS			
Pressure	BLQ2: vacuum to 200 psi (13.8 bar) BLQ4: vacuum to 120 psi (8.3 bar)		
Temperature	-17°C to +115°C (0°F to 240°F)		
MATERIALS			
Main housing components	Chrome plated brass		
Valves	Polysulfone		
Valve springs (wetted)	Stainless steel		
Seals	EPDM		



BLQ2 COUPLING BODIES



IN-LINE – VALVED  
SAE MALE

800

PART NUMBER	THREAD	PRICE
cBLQ2D3004	1/4" SAE-4	£52.12

BLQ2 COUPLING INSERTS



IN-LINE – VALVED  
SAE MALE

800

PART NUMBER	THREAD	PRICE
cBLQ2D4604	1/4" SAE-4	£44.57

BLQ4 COUPLING BODIES

New Additions



IN-LINE – VALVED  
SAE MALE

800

PART NUMBER	THREAD	PRICE
cBLQ4D30004	1/4" SAE-4	£92.25
cBLQ4D30006	3/8" SAE-6	£92.25
cBLQ4D30008	1/2" SAE-8	£71.81

BLQ4 COUPLING INSERTS

New Additions



IN-LINE – VALVED  
SAE MALE

800

PART NUMBER	THREAD	PRICE
cBLQ4D46004	1/4" SAE-4	£79.57
cBLQ4D46006	3/8" SAE-6	£61.94

New



IN-LINE – VALVED  
BSPP MALE

800

PART NUMBER	THREAD	PRICE
cBLQ4D31004	1/4" BSPP	£96.80
cBLQ4D31006	3/8" BSPP	£96.80

New



IN-LINE – VALVED  
BSPP MALE

800

PART NUMBER	THREAD	PRICE
cBLQ4D47004	1/4" BSPP	£83.49
cBLQ4D47006	3/8" BSPP	£71.72

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Non-spill design</li> <li>• Redundant sealing when connected</li> <li>• Friction-free valve</li> <li>• Ruggedness</li> <li>• Axial engagement tolerance</li> </ul>	<ul style="list-style-type: none"> <li>• Disconnect under pressure with no spills</li> <li>• Extra protection from leaks</li> <li>• Valving system designed for extended periods in connected state</li> <li>• Able to withstand long term, repeated use</li> <li>• Valves designed to allow full flow even when not fully engaged</li> </ul>
SPECIFICATIONS	
Pressure	Vacuum to 120 psi (8.3 bar)
Temperature	-17°C to +115°C (0°F to 240°F)
MATERIALS	
Main housing components	Anodised aluminium
Valves	Polysulfone
Valve springs (wetted)	Stainless steel
Seals	EPDM


**COUPLING BODIES**
**IN-LINE – VALVED  
BSPP MALE**


800

PART NUMBER	THREAD	PRICE
cBLQ6D31008	1/2" BSPP	£129.49

**IN-LINE – VALVED  
SAE MALE**


800

PART NUMBER	THREAD	PRICE
cBLQ6D30006	3/8" SAE-6	£129.49

**COUPLING INSERTS**
**IN-LINE – VALVED  
BSPP MALE**


800

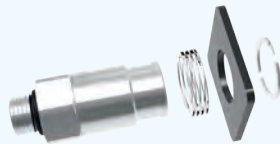
PART NUMBER	THREAD	PRICE
cBLQ6D47008	1/2" BSPP	£83.17

**IN-LINE – VALVED  
SAE MALE**


800

PART NUMBER	THREAD	PRICE
cBLQ6D46006	3/8" SAE-6	£91.40

**ACCESSORIES**

**PANEL MOUNT KIT**
**SPRING & RETAINER RING ONLY**


800

PART NUMBER	PANEL THICKNESS	PRICE
cBLQ6PMKIT	0.075" to 0.175"	£33.94

**Panel hole size: Ø 0.790" ± 0.005"**

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Colour coded thumb latch</li> <li>• High flow capacity</li> <li>• Redundant multilobed seals</li> <li>• Locking hose barb</li> </ul>	<ul style="list-style-type: none"> <li>• Simple, intuitive one hand operation with visual difference in cooling lines</li> <li>• Cost effective fluid handling system</li> <li>• Protection against leakage &amp; ability to withstand extended periods of connection</li> <li>• Quality connection with reinforced tubing used in liquid cooling applications</li> </ul>

SPECIFICATIONS	
Pressure	Vacuum to 200 psi (13.8 bar)
Temperature	-17°C to +115°C (0°F to 240°F)
MATERIALS	
Main components	Chrome plated brass
Valves & thumb latch	Polysulfone
Valve springs (wetted)	Stainless steel
External springs & pin	Stainless steel
Seals	EPDM



**COUPLING BODIES**

**SWIVEL IN-LINE – VALVED  
SAE MALE – BLUE**



800

PART NUMBER	THREAD	PRICE
cLQ2D3004BLU	1/4" SAE-4	£85.29

**BSPP MALE – BLUE**

cLQ2D3102BLU	1/8" BSPP	£86.71
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**SWIVEL IN-LINE – VALVED  
HOSE BARB – BLUE**



800

PART NUMBER	TUBE ID	PRICE
cLQ2D1704LBLU	1/4"	£79.48

**SWIVEL ELBOW – VALVED  
HOSE BARB – BLUE**



800

PART NUMBER	TUBE ID	PRICE
cLQ2D3304LBLU	1/4"	£96.61

**SWIVEL IN-LINE – VALVED  
SAE MALE – RED**



800

PART NUMBER	THREAD	PRICE
cLQ2D3004RED	1/4" SAE-4	£85.29

**BSPP MALE – RED**

cLQ2D3102RED	1/8" BSPP	£86.71
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**SWIVEL IN-LINE – VALVED  
HOSE BARB – RED**



800

PART NUMBER	TUBE ID	PRICE
cLQ2D1704LRED	1/4"	£79.48

**SWIVEL ELBOW – VALVED  
HOSE BARB – RED**



800

PART NUMBER	TUBE ID	PRICE
cLQ2D3304LRED	1/4"	£96.61

**COUPLING INSERTS**

**IN-LINE – VALVED  
SAE MALE – BLUE**



800

PART NUMBER	THREAD	PRICE
cLQ2D4604BLU	1/4" SAE-4	£41.16

**BSPP MALE – BLUE**

cLQ2D4702BLU	1/8" BSPP	£51.72
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**IN-LINE – VALVED  
HOSE BARB – BLUE**



800

PART NUMBER	TUBE ID	PRICE
cLQ2D2204LBLU	1/4"	£54.18

**ELBOW – VALVED  
HOSE BARB – BLUE**



800

PART NUMBER	TUBE ID	PRICE
cLQ2D2304LBLU	1/4"	£64.67

**IN-LINE – VALVED  
SAE MALE – RED**



800

PART NUMBER	THREAD	PRICE
cLQ2D4604RED	1/4" SAE-4	£41.16

**BSPP MALE – RED**

cLQ2D4702RED	1/8" BSPP	£51.72
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**IN-LINE – VALVED  
HOSE BARB – RED**



800

PART NUMBER	TUBE ID	PRICE
cLQ2D2204LRED	1/4"	£54.18

**ELBOW – VALVED  
HOSE BARB – RED**



800

PART NUMBER	TUBE ID	PRICE
cLQ2D2304LRED	1/4"	£64.67



FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Non-spill design</li> <li>• Redundant sealing when connected</li> <li>• Colour coding</li> <li>• Friction-free valve</li> <li>• Ruggedness</li> <li>• Rotation allows movement</li> </ul>	<ul style="list-style-type: none"> <li>• Disconnect under pressure with no spills</li> <li>• Extra protection from leaks</li> <li>• Instant visual difference in cooling lines</li> <li>• Valving system designed for extended periods in connected state</li> <li>• Able to withstand long term, repeated use</li> <li>• Eliminates tube kinking</li> </ul>
SPECIFICATIONS	
Pressure	Vacuum to 120 psi, 8.3 bar
Temperature	-17°C to +115°C (0°F to 240°F)
Spillage at 0 psi	0.025 cc / disconnect
Spillage at 120 psi	0.055 cc / disconnect
Main components	Chrome plated brass
Seal materials	EPDM
Spring	Stainless steel
Maximum flow at disconnect	3 gal/min, 11.3 l/min


**COUPLING BODIES**
**PIPE THREAD – VALVED  
NPT MALE – BLUE**


800

PART NUMBER	THREAD	PRICE
cLQ4D10004BLU	1/4" NPT	£112.83
cLQ4D10006BLU	3/8" NPT	£112.83

**PIPE THREAD – VALVED  
NPT MALE – RED**


800

PART NUMBER	THREAD	PRICE
cLQ4D10004RED	1/4" NPT	£112.83
cLQ4D10006RED	3/8" NPT	£112.83

**IN-LINE – VALVED  
BSPP MALE – BLUE**


800

PART NUMBER	THREAD	PRICE
cLQ4D31004BLU	1/4" BSPP	£126.93
cLQ4D31006BLU	3/8" BSPP	£126.93

**IN-LINE – VALVED  
BSPP MALE – RED**


800

PART NUMBER	THREAD	PRICE
cLQ4D31004RED	1/4" BSPP	£126.93
cLQ4D31006RED	3/8" BSPP	£126.93

**IN-LINE – VALVED  
HOSE BARB – BLUE**


800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLQ4D17004BLU	1/4"	6.4 mm	£99.65
cLQ4D17006BLU	3/8"	9.5 mm	£99.65

**IN-LINE – VALVED  
HOSE BARB – RED**


800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLQ4D17004RED	1/4"	6.4 mm	£99.65
cLQ4D17006RED	3/8"	9.5 mm	£99.65

**IN-LINE – VALVED  
SAE MALE – BLUE**


800

PART NUMBER	THREAD	PRICE
cLQ4D30004BLU	1/4" SAE-4	£104.69
cLQ4D30006BLU	3/8" SAE-6	£104.69

**IN-LINE – VALVED  
SAE MALE – RED**


800

PART NUMBER	THREAD	PRICE
cLQ4D30004RED	1/4" SAE-4	£104.69
cLQ4D30006RED	3/8" SAE-6	£104.69

**IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF – BLUE**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cLQ4D13006BLU	3/8"	1/4"	9.5 x 6.4 mm	£137.06

**IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF – RED**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cLQ4D13006RED	3/8"	1/4"	9.5 x 6.4 mm	£137.06

COUPLING INSERTS

PIPE THREAD – VALVED  
NPT MALE – BLUE



800

PART NUMBER	THREAD	PRICE
cLQ4D24004BLU	1/4" NPT	£76.45
cLQ4D24006BLU	3/8" NPT	£76.45

PIPE THREAD – VALVED  
NPT MALE – RED



800

PART NUMBER	THREAD	PRICE
cLQ4D24004RED	1/4" NPT	£76.45
cLQ4D24006RED	3/8" NPT	£76.45

IN-LINE – VALVED  
BSPP MALE – BLUE



800

PART NUMBER	THREAD	PRICE
cLQ4D47004BLU	1/4" BSPP	£79.03
cLQ4D47006BLU	3/8" BSPP	£61.53

IN-LINE – VALVED  
BSPP MALE – RED



800

PART NUMBER	THREAD	PRICE
cLQ4D47004RED	1/4" BSPP	£79.03
cLQ4D47006RED	3/8" BSPP	£61.53

IN-LINE – VALVED  
HOSE BARB – BLUE



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLQ4D22004BLU	1/4"	6.4 mm	£70.07
cLQ4D22006BLU	3/8"	9.5 mm	£70.07

IN-LINE – VALVED  
HOSE BARB – RED



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLQ4D22004RED	1/4"	6.4 mm	£70.07
cLQ4D22006RED	3/8"	9.5 mm	£70.07

IN-LINE – VALVED  
SAE MALE – BLUE



800

PART NUMBER	THREAD	PRICE
cLQ4D46004BLU	1/4" SAE-4	£69.30
cLQ4D46006BLU	3/8" SAE-6	£60.89

IN-LINE – VALVED  
SAE MALE – RED



800

PART NUMBER	THREAD	PRICE
cLQ4D46004RED	1/4" SAE-4	£69.30
cLQ4D46006RED	3/8" SAE-6	£60.89

IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF – BLUE



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cLQ4D20006BLU	3/8"	1/4"	9.5 x 6.4 mm	£100.58

IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF – RED



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cLQ4D20006RED	3/8"	1/4"	9.5 x 6.4 mm	£100.58

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Non-spill design</li> <li>• Redundant sealing when connected</li> <li>• Colour coding</li> <li>• Friction-free valve</li> <li>• Ruggedness</li> <li>• Rotation allows movement</li> </ul>	<ul style="list-style-type: none"> <li>• Disconnects under pressure with no spills</li> <li>• Extra protection from leaks</li> <li>• Instant visual difference in cooling lines</li> <li>• Valving system designed for extended periods of connect state</li> <li>• Able to withstand long term, repeated use</li> <li>• Eliminates tube kinking</li> </ul>
SPECIFICATIONS	
Pressure	Vacuum to 120 psi, 8.3 bar
Temperature	-17°C to +115°C (0°F to 240°F)
Spillage at 0 psi	0.03 cc / disconnect
Spillage at 120 psi	0.03 cc / disconnect
Main components	Chrome plated brass
Seal materials	EPDM
Spring	Stainless steel
Maximum flow at disconnect	4 gal/min, 15.1 l/min


**COUPLING BODIES**
**PIPE THREAD – VALVED  
NPT MALE – BLUE**


800

PART NUMBER	THREAD	PRICE
cLQ6D10006BLU	3/8" NPT	£136.04

**PIPE THREAD – VALVED  
NPT MALE – RED**


800

PART NUMBER	THREAD	PRICE
cLQ6D10006RED	3/8" NPT	£136.04

**IN-LINE – VALVED  
BSPP MALE – BLUE**


800

PART NUMBER	THREAD	PRICE
cLQ6D31006BLU	3/8" BSPP	£151.63
cLQ6D31008BLU	1/2" BSPP	£159.83

**IN-LINE – VALVED  
BSPP MALE – RED**


800

PART NUMBER	THREAD	PRICE
cLQ6D31006RED	3/8" BSPP	£151.63
cLQ6D31008RED	1/2" BSPP	£159.83

**IN-LINE – VALVED  
HOSE BARB – BLUE**


800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLQ6D17006BLU	3/8"	9.5 mm	£119.38
cLQ6D17008BLU	1/2"	12.7 mm	£119.38

**IN-LINE – VALVED  
HOSE BARB – RED**


800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLQ6D17006RED	3/8"	9.5 mm	£119.38
cLQ6D17008RED	1/2"	12.7 mm	£119.38

**IN-LINE – VALVED  
SAE MALE – BLUE**


800

PART NUMBER	THREAD	PRICE
cLQ6D30006BLU	3/8" SAE-6	£124.91
cLQ6D30008BLU	1/2" SAE-8	£131.62

**IN-LINE – VALVED  
SAE MALE – RED**


800

PART NUMBER	THREAD	PRICE
cLQ6D30006RED	3/8" SAE-6	£124.91
cLQ6D30008RED	1/2" SAE-8	£131.62

**IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF – BLUE**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cLQ6D13008BLU	1/2"	3/8"	12.7 x 9.5 mm	£184.23

**IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF – RED**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cLQ6D13008RED	1/2"	3/8"	12.7 x 9.5 mm	£184.23

COUPLING INSERTS

**PIPE THREAD – VALVED**  
**NPT MALE – BLUE**



800

PART NUMBER	THREAD	PRICE
cLQ6D24006BLU	3/8" NPT	£96.90

**PIPE THREAD – VALVED**  
**NPT MALE – RED**



800

PART NUMBER	THREAD	PRICE
cLQ6D24006RED	3/8" NPT	£96.90

**IN-LINE – VALVED**  
**BSPP MALE – BLUE**



800

PART NUMBER	THREAD	PRICE
cLQ6D47006BLU	3/8" BSPP	£112.64
cLQ6D47008BLU	1/2" BSPP	£92.29

**IN-LINE – VALVED**  
**BSPP MALE – RED**



800

PART NUMBER	THREAD	PRICE
cLQ6D47006RED	3/8" BSPP	£112.64
cLQ6D47008RED	1/2" BSPP	£92.29

**IN-LINE – VALVED**  
**HOSE BARB – BLUE**



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLQ6D22006BLU	3/8"	9.5 mm	£91.51
cLQ6D22008BLU	1/2"	12.7 mm	£91.51

**IN-LINE – VALVED**  
**HOSE BARB – RED**



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLQ6D22006RED	3/8"	9.5 mm	£91.51
cLQ6D22008RED	1/2"	12.7 mm	£91.51

**IN-LINE – VALVED**  
**SAE MALE – BLUE**



800

PART NUMBER	THREAD	PRICE
cLQ6D46006BLU	3/8" SAE-6	£92.84
cLQ6D46008BLU	1/2" SAE-8	£76.17

**IN-LINE – VALVED**  
**SAE MALE – RED**



800

PART NUMBER	THREAD	PRICE
cLQ6D46006RED	3/8" SAE-6	£92.84
cLQ6D46008RED	1/2" SAE-8	£76.17

**IN-LINE – VALVED**  
**FERRULESS POLYTUBE**  
**FITTING, PTF – BLUE**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cLQ6D20008BLU	1/2"	3/8"	12.7 x 9.5 mm	£136.93

**IN-LINE – VALVED**  
**FERRULESS POLYTUBE**  
**FITTING, PTF – RED**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cLQ6D20008RED	1/2"	3/8"	12.7 x 9.5 mm	£136.93

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Twist to connect</li> <li>Free coupling rotation</li> <li>Patented hose barb shroud</li> <li>Available in medical grade ABS</li> <li>SMF1 range disposable bodies</li> </ul>	<ul style="list-style-type: none"> <li>Prevents accidental disconnection</li> <li>Eliminates kinked tubing</li> <li>Protects fragile 1/16" hose barb</li> <li>Gamma sterilisable – not all materials; please ask for details</li> </ul>

**Acetal fittings also available in black**  
Please ask your distributor for details



SPECIFICATIONS	Acetal	Polypropylene	Polycarbonate	Chrome plated brass	ABS
Locking sleeve	Acetal	Acetal	Polycarbonate	Acetal	Acetal
Valves	Acetal	Acetal	–	Acetal	–
Valve spring	316 stainless steel	316 stainless steel	–	316 stainless steel	–
Seal material	NBR	EPDM	NBR class V	NBR	–
Working pressure	Vacuum to 100 psi (6.9 bar)	Vacuum to 100 psi (6.9 bar)	Vacuum to 100 psi (6.9 bar)	Vacuum to 100 psi (6.9 bar)	Vacuum to 100 psi (6.9 bar)
Operating temperature	-40°C to +82°C (-40°F to +180°F)	0°C to 82°C (32°F to 180°F)	-40°C to +121°C (-40°F to +250°F)	-40°C to +82°C (-40°F to +180°F)	-40°C to +71°C (-40°F to +160°F)

## COUPLING BODIES

### PIPE THREAD – VALVED NPT MALE – ACETAL



800

PART NUMBER	THREAD	PRICE
cSMPTD-02	1/8" NPT	£12.22

### PIPE THREAD – UNVALVED NPT MALE – ACETAL

cSMPT-02	1/8" NPT	£1.66
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### PIPE THREAD – UNVALVED NPT MALE – POLYPROPYLENE

cSMPT-02-12	1/8" NPT	£2.12
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### PANEL MOUNT – VALVED HOSE BARB – ACETAL



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cSMFPM-01	1/16"	1.6 mm	£15.10
cSMFPM-M3	–	3 mm	£15.46
cSMFPM-02	1/8"	3.2 mm	£15.12

### PANEL MOUNT – UNVALVED HOSE BARB – ACETAL

cSMFPM-01	1/16"	1.6 mm	£5.10
cSMFPM-M3	–	3 mm	£5.21
cSMFPM-02	1/8"	3.2 mm	£4.88

### PANEL MOUNT – UNVALVED HOSE BARB – POLYPROPYLENE

cSMFPM-0112	1/16"	1.6 mm	£5.78
cSMFPM-0212	1/8"	3.2 mm	£6.31

### IN-LINE – VALVED HOSE BARB – ACETAL



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cSMFD-01	1/16"	1.6 mm	£12.09
cSMFD-M3	–	3 mm	£12.45
cSMFD-02	1/8"	3.2 mm	£11.92

### IN-LINE – UNVALVED HOSE BARB – ACETAL

cSMF-01	1/16"	1.6 mm	£2.34
cSMF-M3	–	3 mm	£2.43
cSMF-02	1/8"	3.2 mm	£1.96

### IN-LINE – UNVALVED HOSE BARB – POLYPROPYLENE

cSMF-01-12	1/16"	1.6 mm	£2.84
cSMF-02-12	1/8"	3.2 mm	£2.59

### IN-LINE – UNVALVED HOSE BARB – POLYCARBONATE



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cSMF-01-91	1/16"	1.6 mm	£4.27
cSMF-02-91	1/8"	3.2 mm	£4.27

Intelligent fluid connections also available. RFID-enabled IdentiQuik® SMC series utilises RFID technology to identify device type or connected media, verify line connection accuracy or capture fluid & product data. Please contact your distributor for more details.

COUPLING INSERTS

**IN-LINE – UNVALVED  
HOSE BARB – ACETAL**



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cSMM-01	1/16"	1.6 mm	£2.84
cSMM-M3	–	3 mm	£3.36
cSMM-M5	–	5 mm	£2.24
cSMM-02	1/8"	3.2 mm	£2.38

**IN-LINE – UNVALVED  
HOSE BARB – POLYPROPYLENE**

cSMM-01-12	1/16"	1.6 mm	£3.77
cSMM-02-12	1/8"	3.2 mm	£3.66

**IN-LINE – UNVALVED  
HOSE BARB – POLYCARBONATE**



cSMM-01-91	1/16"	1.6 mm	£4.58
cSMM-02-91	1/8"	3.2 mm	£4.73

**PANEL MOUNT – UNVALVED  
HOSE BARB – ACETAL**



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cSMMPM-01	1/16"	1.6 mm	£5.68
cSMMPM-M3	–	3 mm	£6.67
cSMMPM-02	1/8"	3.2 mm	£5.70

**PANEL MOUNT – UNVALVED  
HOSE BARB – POLYPROPYLENE**

cSMMPM-0112	1/16"	1.6 mm	£6.52
cSMMPM-0212	1/8"	3.2 mm	£6.59



SMC COMPLETE IN-LINE COUPLINGS

**IN-LINE – VALVED  
HOSE BARB – ACETAL**



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cSMCD-01	1/16"	1.6 mm	£17.78
cSMCD-M3	–	3 mm	£20.57
cSMCD-02	1/8"	3.2 mm	£17.44

**IN-LINE – UNVALVED  
HOSE BARB – ACETAL**

cSMC-01	1/16"	1.6 mm	£6.89
cSMC-02	1/8"	3.2 mm	£6.45

**IN-LINE – UNVALVED  
HOSE BARB – POLYPROPYLENE**

cSMC-01-12	1/16"	1.6 mm	£8.56
cSMC-02-12	1/8"	3.2 mm	£7.91

SMF1 DISPOSABLE COUPLING BODIES

**IN-LINE – UNVALVED  
HOSE BARB – ABS**



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cSMF-10297	1/8"	3.2 mm	£0.43

**IN-LINE – UNVALVED  
HOSE BARB – BLACK ABS**



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cSMF-10297B	1/8"	3.2 mm	£0.57



FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Integral terminations</li> <li>Clicks when connected</li> <li>Compatibility</li> <li>CPC thumb latch</li> </ul>	<ul style="list-style-type: none"> <li>Fewer leak points, shorter assemblies, faster installations</li> <li>Assurance of a reliable connection</li> <li>Mates with MC &amp; PMC12 Series couplings</li> <li>One hand connection &amp; disconnection</li> </ul>
SPECIFICATIONS	
Bodies & valves	Acetal
Internal spring	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	NBR
Colour	Natural white
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	-40°C to +82°C (-40°F to +180°F)



Min. quantities may apply – please ask at time of ordering

**COUPLING BODIES**

**PIPE THREAD – VALVED  
NPT MALE**



PART NUMBER	THREAD	PRICE
cPMCD10-02	1/8" NPT	£10.79
cPMCD10-04	1/4" NPT	£10.79

**BSPT MALE**

cPMCD10-020	1/8" BSPT	£11.14
cPMCD10-040	1/4" BSPT	£11.67

**UNVALVED  
NPT MALE**

cPMC10-02	1/8" NPT	£8.15
cPMC10-04	1/4" NPT	£8.48

**BSPT MALE**

cPMC10-020	1/8" BSPT	£8.63
cPMC10-040	1/4" BSPT	£9.32

**IN-LINE – VALVED  
HOSE BARB**



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPMCD17-01	1/16"	1.6 mm	£13.14
cPMCD17-02	1/8"	3.2 mm	£11.10
cPMCD17-03	3/16"	4.8 mm	£11.60
cPMCD17-04	1/4"	6.4 mm	£10.96

**UNVALVED**

cPMC17-01	1/16"	1.6 mm	£8.79
cPMC17-02	1/8"	3.2 mm	£5.97
cPMC17-03	3/16"	4.8 mm	£5.98
cPMC17-04	1/4"	6.4 mm	£5.91

**IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF**



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPMCD13-M42	–	–	4 x 2 mm	£21.54
cPMCD13-025	5/32"	0.10"	4 x 2.5 mm	£15.94
cPMCD13-04	1/4"	0.17"	6.4 x 4.3 mm	£11.63

**UNVALVED**

cPMC13-M42	–	–	4 x 2 mm	£19.28
cPMC13-025	5/32"	0.10"	4 x 2.5 mm	£14.27
cPMC13-04	1/4"	0.17"	6.4 x 4.3 mm	£9.96

Also available NSF listed

**IN-LINE – VALVED  
UNF FEMALE**



PART NUMBER	THREAD	PRICE
cPMCD19-1032	10-32 UNF	£17.59

**UNVALVED**

cPMC19-1032	10-32 UNF	£15.39
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**PANEL MOUNT – VALVED  
HOSE BARB**



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPMCD16-01	1/16"	1.6 mm	£16.70
cPMCD16-02	1/8"	3.2 mm	£15.26
cPMCD16-03	3/16"	4.8 mm	£15.51
cPMCD16-04	1/4"	6.4 mm	£15.51

**UNVALVED**

cPMC16-01	1/16"	1.6 mm	£15.49
cPMC16-02	1/8"	3.2 mm	£12.98
cPMC16-03	3/16"	4.8 mm	£13.32
cPMC16-04	1/4"	6.4 mm	£13.32

**PANEL MOUNT – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF**



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPMCD12-M42	–	–	4 x 2 mm	£17.44
cPMCD12-025	5/32"	0.10"	4 x 2.5 mm	£17.08
cPMCD12-04	1/4"	0.17"	6.4 x 4.3 mm	£16.11

**UNVALVED**

cPMC12-M42	–	–	4 x 2 mm	£17.91
cPMC12-025	5/32"	0.10"	4 x 2.5 mm	£15.98
cPMC12-04	1/4"	0.17"	6.4 x 4.3 mm	£13.99

**PANEL MOUNT – VALVED  
UNF FEMALE**



PART NUMBER	THREAD	PRICE
cPMCD18-1032	10-32 UNF	£22.92

**UNVALVED**

cPMC18-1032	10-32 UNF	£20.21
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COUPLING INSERTS

PIPE THREAD – VALVED  
NPT MALE



PART NUMBER	THREAD	PRICE
cPMCD24-02	1/8" NPT	£11.11
cPMCD24-04	1/4" NPT	£11.55

BSPT MALE

cPMCD24-020	1/8" BSPT	£11.57
cPMCD24-040	1/4" BSPT	£16.17

UNVALVED

NPT MALE

cPMC24-02	1/8" NPT	£3.59
cPMC24-04	1/4" NPT	£4.06

BSPT MALE

cPMC24-020	1/8" BSPT	£3.84
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IN-LINE – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPMCD22-01	1/16"	1.6 mm	£11.30
cPMCD22-02	1/8"	3.2 mm	£9.94
cPMCD22-03	3/16"	4.8 mm	£10.46
cPMCD22-04	1/4"	6.4 mm	£9.99

UNVALVED

cPMC22-01	1/16"	1.6 mm	£3.13
cPMC22-02	1/8"	3.2 mm	£1.99
cPMC22-03	3/16"	4.8 mm	£2.08
cPMC22-04	1/4"	6.4 mm	£2.18

IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPMCD20-M42	–	–	4 x 2 mm	£21.83
cPMCD20-025	5/32"	0.10"	4 x 2.5 mm	£18.70
cPMCD20-04	1/4"	0.17"	6.4 x 4.3 mm	£10.14
cPMCD20-06	3/8"	0.25"	9.5 x 6.4 mm	£14.16

UNVALVED

cPMC20-M42	–	–	4 x 2 mm	£7.03
cPMC20-025	5/32"	0.10"	4 x 2.5 mm	£5.57
cPMC20-04	1/4"	0.17"	6.4 x 4.3 mm	£5.31
cPMC20-06	3/8"	0.25"	9.5 x 6.4 mm	£7.75

IN-LINE – VALVED  
UNF FEMALE



PART NUMBER	THREAD	PRICE
cPMCD28-1032	10-32 UNF	£17.67

UNVALVED

cPMC28-1032	10-32 UNF	£7.75
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PANEL MOUNT – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPMCD42-01	1/16"	1.6 mm	£18.37
cPMCD42-02	1/8"	3.2 mm	£14.75
cPMCD42-03	3/16"	4.8 mm	£15.65
cPMCD42-04	1/4"	6.4 mm	£15.24

UNVALVED

cPMC42-01	1/16"	1.6 mm	£10.76
cPMC42-02	1/8"	3.2 mm	£8.20
cPMC42-03	3/16"	4.8 mm	£8.52
cPMC42-04	1/4"	6.4 mm	£8.67

PANEL MOUNT – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPMCD40-04	1/4"	0.17"	6.4 x 4.3 mm	£18.39

UNVALVED

cPMC40-04	1/4"	0.17"	6.4 x 4.3 mm	£11.82
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ELBOW – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPMCD23-02	1/8"	3.2 mm	£14.67
cPMCD23-04	1/4"	6.4 mm	£14.75

UNVALVED

cPMC23-02	1/8"	3.2 mm	£6.16
cPMC23-04	1/4"	6.4 mm	£6.16

ELBOW – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPMCD21-04	1/4"	0.17"	6.4 x 4.3 mm	£15.39

UNVALVED

cPMC21-025	5/32"	0.10"	4 x 2.5 mm	£5.94
cPMC21-04	1/4"	0.17"	6.4 x 4.3 mm	£5.89

Colour coded versions also available. Minimum quantities will apply.

1/16" ID hose barbs are shrouded, all other sizes are unshrouded



FEATURES		BENEFITS	
<ul style="list-style-type: none"> <li>• Polypropylene material</li> <li>• EPDM O-ring</li> <li>• CPC thumb latch</li> <li>• Integral terminations</li> </ul>		<ul style="list-style-type: none"> <li>• Chemically resistant &amp; gamma sterilisable</li> <li>• Greater chemical resistance</li> <li>• One hand connection &amp; disconnection</li> <li>• Fewer leak points, shorter assemblies, faster installations</li> </ul>	
SPECIFICATIONS			
Bodies & valves	Polypropylene		
Internal spring	316 stainless steel		
External springs, pin, latch	Stainless steel		
Seal material	EPDM, others available		
Colour	Almond		
Working pressure	Vacuum to 120 psi (8.3 bar)		
Operating temperature	0°C to 71°C (32°F to 160°F)		



Min.quantities may apply – please ask at time of ordering

**COUPLING BODIES**

**PIPE THREAD – VALVED**

**NPT MALE**



800

PART NUMBER	THREAD	PRICE
cPMCD100212	1/8" NPT	£13.41
cPMCD100412	1/4" NPT	£14.15

**BSPT MALE**

cPMCD102120	1/8" BSPT	£14.70
cPMCD104120	1/4" BSPT	£13.91

**UNVALVED**

**NPT MALE**

cPMC100212	1/8" NPT	£11.28
cPMC100412	1/4" NPT	£12.40

**BSPT MALE**

cPMC102120	1/8" BSPT	£14.53
cPMC104120	1/4" BSPT	£14.60

**PANEL MOUNT – VALVED**

**HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPMCD160112	1/16"	1.6 mm	£20.90
cPMCD160212	1/8"	3.2 mm	£18.65
cPMCD160412	1/4"	6.4 mm	£19.88

**UNVALVED**

cPMC160112	1/16"	1.6 mm	£20.49
cPMC160212	1/8"	3.2 mm	£18.33
cPMC160412	1/4"	6.4 mm	£18.37

**PANEL MOUNT – VALVED**

**FERRULESS POLYTUBE FITTING, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPMCD120412	1/4"	0.17"	6.4 x 4.3 mm	£21.02

**UNVALVED**

cPMC120412	1/4"	0.17"	6.4 x 4.3 mm	£21.23
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**IN-LINE – VALVED**

**HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPMCD170112	1/16"	1.6 mm	£20.89
cPMCD170212	1/8"	3.2 mm	£18.21
cPMCD170412	1/4"	6.4 mm	£18.89

**UNVALVED**

cPMC170112	1/16"	1.6 mm	£15.81
cPMC170212	1/8"	3.2 mm	£13.13
cPMC170412	1/4"	6.4 mm	£13.33

**IN-LINE – VALVED**

**FERRULESS POLYTUBE FITTING, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPMCD130412	1/4"	0.17"	6.4 x 4.3 mm	£19.86

Colour coded versions also available. Minimum quantities will apply.

COUPLING INSERTS



**PIPE THREAD – VALVED  
NPT MALE**

800

PART NUMBER	THREAD	PRICE
cPMCD240212	1/8" NPT	£14.63

**UNVALVED**

cPMC240212	1/8" NPT	£6.29
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**IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF**

800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPMCD200412	1/4"	0.17"	6.4 x 4.3 mm	£14.98

**UNVALVED**

cPMC200412	1/4"	0.17"	6.4 x 4.3 mm	£7.03
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**IN-LINE – VALVED  
HOSE BARB**

800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPMCD220112	1/16"	1.6 mm	£17.02
cPMCD220212	1/8"	3.2 mm	£12.49
cPMCD220412	1/4"	6.4 mm	£14.22

**UNVALVED**

cPMC220112	1/16"	1.6 mm	£5.89
cPMC220212	1/8"	3.2 mm	£3.72
cPMC220412	1/4"	6.4 mm	£3.88



**ELBOW – VALVED  
HOSE BARB**

800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPMCD230212	1/8"	3.2 mm	£19.11
cPMCD230412	1/4"	6.4 mm	£19.25

**UNVALVED**

cPMC230212	1/8"	3.2 mm	£9.82
cPMC230412	1/4"	6.4 mm	£10.31



**PANEL MOUNT – VALVED  
POLYPROPYLENE, PTF**

800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPMCD400412	1/4"	0.17"	6.4 x 4.3 mm	£21.84



**PANEL MOUNT – VALVED  
HOSE BARB – POLYPROPYLENE**

800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPMCD420112	1/16"	1.6 mm	£22.66
cPMCD420212	1/8"	3.2 mm	£20.67
cPMCD420412	1/4"	6.4 mm	£21.95

**UNVALVED**

cPMC420212	1/8"	3.2 mm	£18.17
cPMC420412	1/4"	6.4 mm	£19.63



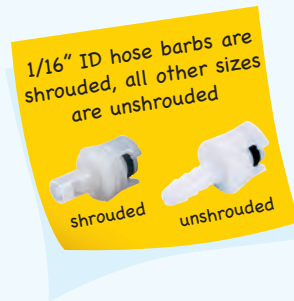
**ELBOW – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF**

800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPMCD212512	5/32"	0.10"	4 x 2.5 mm	£25.04
cPMCD210412	1/4"	0.17"	6.4 x 4.3 mm	£22.46

**UNVALVED**

cPMC2102512	5/32"	0.10"	4 x 2.5 mm	£9.22
cPMC210412	1/4"	0.17"	6.4 x 4.3 mm	£7.34





FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Polypropylene material</li> <li>• EPDM O-ring</li> <li>• CPC thumb latch</li> <li>• Integral terminations</li> </ul>	<ul style="list-style-type: none"> <li>• Chemically resistant &amp; gamma sterilisable</li> <li>• Greater chemical resistance</li> <li>• One hand connection &amp; disconnection</li> <li>• Fewer leak points, shorter assemblies, faster installations</li> </ul>
SPECIFICATIONS	
Bodies & valves	Polypropylene
Internal spring	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	EPDM, others available
Colour	Almond
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	0°C to 71°C (32°F to 160°F)



1/4-28 COUPLING BODIES

1/4-28 COUPLING INSERTS

**IN-LINE – VALVED**  
**UNF FEMALE**  
**FLAT BOTTOM PORT**



800

PART NUMBER	THREAD	PRICE
cPMCD192812	1/4-28 UNF	£19.77

**IN-LINE – VALVED**  
**UNF MALE**  
**FLAT BOTTOM PORT**



800

PART NUMBER	THREAD	PRICE
cPMCD242812	1/4-28 UNF	£15.77

**UNVALVED**

cPMC242812	1/4-28 UNF	£12.63
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**PANEL MOUNT – VALVED**  
**UNF FEMALE**  
**FLAT BOTTOM PORT**



800

PART NUMBER	THREAD	PRICE
cPMCD182812	1/4-28 UNF	£20.24

**PANEL MOUNT – VALVED**  
**UNF FEMALE**  
**FLAT BOTTOM PORT**



800

PART NUMBER	THREAD	PRICE
cPMCD482812	1/4-28 UNF	£20.29

PMC12 ACCESSORIES

**NUTS**  
**BLACK ACETAL**



800

PART NUMBER	TUBE ID	THREAD	PRICE
c2419199	1/16" & 1.8 mm	1/4-28 UNF	£9.51
c2419299	1/8" & 3.0 mm	1/4-28 UNF	£8.83

**NATURAL POLYPROPYLENE**

c2418900	1/16" & 1.8 mm	1/4-28 UNF	£8.48
c2419000	1/8" & 3.0 mm	1/4-28 UNF	£9.18

Black acetal shown

**FERRULES**



800

PART NUMBER	TUBE ID	DESCRIPTION	PRICE
c2419300	1/16"	ETFE (blue)	£8.49
c2419400	1/8"	ETFE (yellow)	£8.41

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Acetal &amp; the FKM seals are compatible with petrol</li> <li>Thumb latch design</li> <li>Leak proof seal</li> </ul>	<ul style="list-style-type: none"> <li>Operates in hostile environments</li> <li>One hand operation</li> <li>Positive, intuitive latching</li> <li>Faster tank removal</li> <li>Eliminates need for stopcock to shut off flow</li> </ul>
SPECIFICATIONS	
Coupling – PLC Series	Acetal
Coupling – LC Series	Chrome plated brass
Thumb latch	301 stainless steel
Valves	Acetal
Valve springs	316 stainless steel
Seal material	FKM



## THERMOPLASTIC COUPLING BODIES

### PIPE THREAD – VALVED BSPT MALE



800

PART NUMBER	THREAD	PRICE
cPLCD10040V	1/4" BSPT	£12.65

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD17004V	1/4"	6.4 mm	£11.69
cPLCD17005V	5/16"	7.9 mm	£11.83
cPLCD17006V	3/8"	9.5 mm	£11.69

## THERMOPLASTIC COUPLING INSERTS

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD22004V	1/4"	6.4 mm	£11.77
cPLCD22005V	5/16"	7.9 mm	£11.90
cPLCD22006V	3/8"	9.5 mm	£11.78

### ELBOW – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD23004V	1/4"	6.4 mm	£16.32
cPLCD23006V	3/8"	9.5 mm	£19.41

## BRASS COUPLING BODIES

### PIPE THREAD – VALVED BSPT MALE



800

PART NUMBER	THREAD	PRICE
cLCD100040V	1/4" BSPT	£28.46

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLCD170-04V	1/4"	6.4 mm	£43.01
cLCD170-05V	5/16"	7.9 mm	£49.76

## BRASS COUPLING INSERTS

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLCD220-04V	1/4"	6.4 mm	£27.76
cLCD220-05V	5/16"	7.9 mm	£30.70

### ELBOW – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLCD230-04V	1/4"	6.4 mm	£28.29
cLCD230-06V	3/8"	9.5 mm	£29.83

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Integral terminations</li> <li>Clicks when connected</li> <li>Compatibility</li> <li>CPC thumb latch</li> </ul>	<ul style="list-style-type: none"> <li>One hand connection &amp; disconnection</li> <li>Fewer leak points, shorter assemblies, faster installations</li> <li>Assurance of a reliable connection</li> <li>Mates with LC Series couplings</li> </ul>
SPECIFICATIONS	
Bodies & valves	Acetal
Internal spring	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	NBR
Colour	Natural white, others available
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	-40°C to +82°C (-40°F to +180°F)

Colour coded versions also available. Minimum quantities will apply.



Min. quantities may apply – please ask at time of ordering

## COUPLING BODIES

### PIPE THREAD – VALVED

#### NPT MALE



PART NUMBER	THREAD	PRICE
cPLCD100-04	1/4" NPT	£11.14
cPLCD100-06	3/8" NPT	£10.94

#### BSPT MALE

PART NUMBER	THREAD	PRICE
cPLCD100-40	1/4" BSPT	££11.37
cPLCD100060	3/8" BSPT	££11.32

#### UNVALVED

##### NPT MALE

PART NUMBER	THREAD	PRICE
cPLC100-04	1/4" NPT	££9.81
cPLC100-06	3/8" NPT	££9.69

##### BSPT MALE

PART NUMBER	THREAD	PRICE
cPLC100-040	1/4" BSPT	£10.01
cPLC100-060	3/8" BSPT	£10.39

### IN-LINE – VALVED

#### HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD170-04	1/4"	6.4 mm	£10.41
cPLCD170-05	5/16"	7.9 mm	£10.71
cPLCD170-06	3/8"	9.5 mm	£10.41

#### UNVALVED

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLC170-04	1/4"	6.4 mm	£6.61
cPLC170-05	5/16"	7.9 mm	£8.36
cPLC170-06	3/8"	9.5 mm	£6.61

### IN-LINE – VALVED

#### FERRULELESS POLYTUBE FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPLCD130-04	1/4"	0.17"	6.4 x 4.3 mm	£15.55
cPLCD130-M8	–	–	8 x 6 mm	£17.30
cPLCD130-06	3/8"	0.25"	9.5 x 6.4 mm	£16.05
cPLCD130M10	–	–	10 x 8 mm	£19.22

#### UNVALVED

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPLC130-04	1/4"	0.17"	6.4 x 4.3 mm	£14.95
cPLC130-M8	–	–	8 x 6 mm	£17.37
cPLC130-06	3/8"	0.25"	9.5 x 6.4 mm	£15.87
cPLC130-M10	–	–	10 x 8 mm	£18.98

### PANEL MOUNT – VALVED

#### HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD160-04	1/4"	6.4 mm	£21.22
cPLCD160-05	5/16"	7.9 mm	£22.68
cPLCD160-06	3/8"	9.5 mm	£21.52

#### UNVALVED

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLC160-04	1/4"	6.4 mm	£19.16
cPLC160-05	5/16"	7.9 mm	£20.06
cPLC160-06	3/8"	9.5 mm	£18.64

### PANEL MOUNT – VALVED

#### FERRULELESS POLYTUBE FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPLCD120-04	1/4"	0.17"	6.4 x 4.3 mm	£22.34
cPLCD120-M8	–	–	8 x 6 mm	£24.00
cPLCD120-06	3/8"	0.25"	9.5 x 6.4 mm	£22.66
cPLCD120M10	–	–	10 x 8 mm	£24.48

#### UNVALVED

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPLC120-04	1/4"	0.17"	6.4 x 4.3 mm	£20.63
cPLC120-M8	–	–	8 x 6 mm	£22.06
cPLC120-06	3/8"	0.25"	9.5 x 6.4 mm	£20.90
cPLC120-M10	–	–	10 x 8 mm	£25.53

### PANEL MOUNT – VALVED

#### JG® PUSH-TO-CONNECT



PART NUMBER	TUBE OD	METRIC EQ.	PRICE
cPLCD110-04	1/4"	6.4 mm	£22.41

### IN-LINE – VALVED

#### JG PUSH-TO-CONNECT



PART NUMBER	TUBE OD	METRIC EQ.	PRICE
cPLCD140-04	1/4"	6.4 mm	£17.88
cPLCD140-06	3/8"	9.5 mm	£17.82

#### UNVALVED

PART NUMBER	TUBE OD	METRIC EQ.	PRICE
cPLC140-04	1/4"	6.4 mm	£16.97
cPLC140-06	3/8"	9.5 mm	£17.60

COUPLING INSERTS

PIPE THREAD – VALVED  
NPT MALE



PART NUMBER	THREAD	PRICE
cPLCD240-04	1/4" NPT	£10.69
cPLCD240-06	3/8" NPT	£10.76

BSPT MALE

cPLCD240040	1/4" BSPT	£10.86
cPLCD240060	3/8" BSPT	£11.01

UNVALVED

NPT MALE

cPLC240-04	1/4" NPT	£3.36
cPLC240-06	3/8" NPT	£3.01

BSPT MALE

cPLC240-040	1/4" BSPT	£4.29
cPLC240-060	3/8" BSPT	£3.43

IN-LINE – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD220-04	1/4"	6.4 mm	£9.62
cPLCD220-05	5/16"	7.9 mm	£9.89
cPLCD220-06	3/8"	9.5 mm	£9.62

UNVALVED

cPLC220-04	1/4"	6.4 mm	£1.88
cPLC220-05	5/16"	7.9 mm	£2.37
cPLC220-06	3/8"	9.5 mm	£1.69

IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPLCD200-04	1/4"	0.17"	6.4 x 4.3 mm	£12.42
cPLCD200-M8	–	–	8 x 6 mm	£14.70
cPLCD200-06	3/8"	0.25"	9.5 x 6.4 mm	£12.42
cPLCD200M10	–	–	10 x 8 mm	£22.09

UNVALVED

cPLC200-04	1/4"	.17"	6.4 x 4.3 mm	£5.72
cPLC200-M8	–	–	8 x 6 mm	£14.07
cPLC200-06	3/8"	0.25"	9.5 x 6.4 mm	£6.25
cPLC200-M10	–	–	10 x 8 mm	£14.48

PANEL MOUNT – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD420-04	1/4"	6.4 mm	£14.61
cPLCD420-05	5/16"	7.9 mm	£16.18
cPLCD420-06	3/8"	9.5 mm	£15.50

UNVALVED

cPLC420-04	1/4"	6.4 mm	£6.71
cPLC420-05	5/16"	7.9 mm	£9.35
cPLC420-06	3/8"	9.5 mm	£8.05

PANEL MOUNT – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPLCD400-04	1/4"	0.17"	6.4 x 4.3 mm	£14.05
cPLCD400-M8	–	–	8 x 6 mm	£19.12
cPLCD400-06	3/8"	0.25"	9.5 x 6.4 mm	£17.27
cPLCD400M10	–	–	10 x 8 mm	£21.43

UNVALVED

cPLC400-04	1/4"	0.17"	6.4 x 4.3 mm	£12.53
cPLC400-M8	–	–	8 x 6 mm	£13.67
cPLC400-06	3/8"	0.25"	9.5 x 6.4 mm	£11.67
cPLC400-M10	–	–	10 x 8 mm	£15.32

ELBOW – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD230-04	1/4"	6.4 mm	£13.92
cPLCD230-06	3/8"	9.5 mm	£13.92

UNVALVED

cPLC230-04	1/4"	6.4 mm	£5.58
cPLC230-06	3/8"	9.5 mm	£5.58

ELBOW – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPLCD210-06	3/8"	0.25"	9.5 x 6.4 mm	£14.81

UNVALVED

cPLC210-06	3/8"	0.25"	9.5 x 6.4 mm	£6.13
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PANEL MOUNT – VALVED  
JG PUSH-TO-CONNECT



PART NUMBER	TUBE OD	METRIC EQ.	PRICE
cPLCD410-04	1/4"	6.4 mm	£19.13

UNVALVED

cPLC410-04	1/4"	6.4 mm	£16.71
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IN-LINE – VALVED  
JG PUSH-TO-CONNECT



PART NUMBER	TUBE OD	METRIC EQ.	PRICE
cPLCD290-04	1/4"	6.4 mm	£15.01
cPLCD290-06	3/8"	9.5 mm	£16.63

UNVALVED

cPLC290-04	1/4"	6.4 mm	£10.01
cPLC290-06	3/8"	9.5 mm	£12.41

Also available NSF listed

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Polypropylene material</li> <li>• EPDM O-ring</li> <li>• CPC thumb latch</li> <li>• Integral terminations</li> </ul>	<ul style="list-style-type: none"> <li>• Chemically resistant &amp; gamma sterilisable</li> <li>• Greater chemical resistance</li> <li>• One hand connection &amp; disconnection</li> <li>• Fewer leak points, shorter assemblies, faster installations</li> </ul>
SPECIFICATIONS	
Bodies & valves	Polypropylene
Internal spring	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	EPDM
Colour	Almond
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	0°C to 71°C (32°F to 160°F)



Min. quantities may apply – please ask at time of ordering

## COUPLING BODIES

### PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD	PRICE
cPLCD100412	1/4" NPT	£14.66
cPLCD100612	3/8" NPT	£17.74

### BSPT MALE

cPLCD104120	1/4" BSPT	£15.23
cPLCD106120	3/8" BSPT	£18.38

### UNVALVED

#### NPT MALE

cPLC100412	1/4" NPT	£12.40
cPLC100612	3/8" NPT	£14.98

#### BSPT MALE

cPLC104120	1/4" BSPT	£15.37
cPLC106120	3/8" BSPT	£18.38

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD170412	1/4"	6.4 mm	£18.89

### UNVALVED

cPLC1700412	1/4"	6.4 mm	£15.59
cPLC1700612	3/8"	9.5 mm	£15.96

### IN-LINE – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPLCD130612	3/8"	0.25"	9.5 x 6.4 mm	£27.23

### UNVALVED

cPLC130612	3/8"	0.25"	9.5 x 6.4 mm	£24.16
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### PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD160412	1/4"	6.4 mm	£26.28
cPLCD160612	3/8"	9.5 mm	£26.34

### UNVALVED

cPLC1600412	1/4"	6.4 mm	£23.25
cPLC1600612	3/8"	9.5 mm	£23.27

### PANEL MOUNT – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPLCD120612	3/8"	0.25"	9.5 x 6.4 mm	£28.89

### UNVALVED

cPLC1200612	3/8"	0.25"	9.5 x 6.4 mm	£25.54
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## Do you also need?



### Tube fittings

- Shrouded design eliminates barb breakage
- For tubing sizes ranging from 1/16"



Find it on pages 101 – 104, section two

COUPLING INSERTS

PIPE THREAD – VALVED  
NPT MALE



800

PART NUMBER	THREAD	PRICE
cPLCD240412	1/4" NPT	£16.66

UNVALVED

cPLC2400412	1/4" NPT	£9.71
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ELBOW – VALVED  
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD230412	1/4"	6.4 mm	£17.67
cPLCD230612	3/8"	9.5 mm	£18.53

UNVALVED

cPLC2300412	1/4"	6.4 mm	£11.55
cPLC2300612	3/8"	9.5 mm	£12.00

IN-LINE – VALVED  
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD220412	1/4"	6.4 mm	£13.94
cPLCD220612	3/8"	9.5 mm	£15.98

UNVALVED

cPLC2200412	1/4"	6.4 mm	£3.47
cPLC2200612	3/8"	9.5 mm	£3.60

ELBOW – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPLCD210612	3/8"	0.25"	9.5 x 6.4 mm	£21.99

UNVALVED

cPLC2100612	3/8"	0.25"	9.5 x 6.4 mm	£12.61
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IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPLCD200612	3/8"	0.25"	9.5 x 6.4 mm	£19.10

UNVALVED

cPLC2000612	3/8"	0.25"	9.5 x 6.4 mm	£10.00
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PANEL MOUNT – VALVED  
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD420412	1/4"	6.4 mm	£17.81
cPLCD420612	3/8"	9.5 mm	£21.59

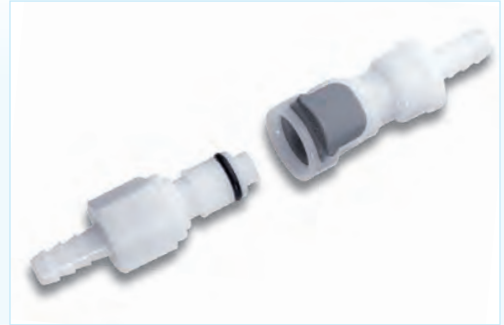
UNVALVED

cPLC4200412	1/4"	6.4 mm	£13.38
cPLC4200612	3/8"	9.5 mm	£13.99

**Custom Colours**  
Colder couplings are available in custom colours. Acetal products can be dyed or moulded in various colours & polypropylene can be moulded in the colour of your choice. **Minimum order quantities do apply.** Please contact your distributor for more details.



FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Plastic thumb latch</li> <li>• Shrouded thumb latch</li> <li>• Integral terminations</li> <li>• Compatible</li> </ul>	<ul style="list-style-type: none"> <li>• No exposed metal parts</li> <li>• Protects against accidental disconnection</li> <li>• Fewer leak points, shorter assemblies, faster installations</li> <li>• Mates with most EFC couplings</li> </ul>
SPECIFICATIONS	
Coupling colour	Acetal / white
Latch colour	Acetal / grey
Seal material	NBR
Valve spring	316 stainless steel
Valve	Acetal
Lubricants	Silicone, others available
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	-40°C to +82°C (-40°F to +180°F)



Min. quantities may apply – please ask at time of ordering

Also available NSF listed

## COUPLING BODIES

### PIPE THREAD – VALVED NPT MALE



PART NUMBER	THREAD	PRICE
cAPCD100-04	1/4" NPT	£8.31
cAPCD100-06	3/8" NPT	£8.78

### BSPT MALE

cAPCD100040	1/4" BSPT	£8.61
cAPCD100060	3/8" BSPT	£9.34

### UNVALVED NPT MALE

cAPC100-04	1/4" NPT	£5.00
cAPC100-06	3/8" NPT	£5.19

### BSPT MALE

cAPC100-040	1/4" BSPT	£5.32
cAPC100-060	3/8" BSPT	£5.67

### IN-LINE – UNVALVED HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cAPC170-04	1/4"	6.4 mm	£2.75
cAPC170-06	3/8"	9.5 mm	£2.75

### IN-LINE – VALVED WITH SHROUD HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cAPCD17004S	1/4"	6.4 mm	£9.95
cAPCD17006S	3/8"	9.5 mm	£9.88

### UNVALVED – WITH SHROUD

cAPC17004S	1/4"	6.4 mm	£9.42
cAPC170-06S	3/8"	9.5 mm	£9.45

### IN-LINE – VALVED WITH SHROUD FERRULESS POLYTUBE FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cAPCD13004S	1/4"	0.17"	6.4 x 4.3 mm	£14.27
cAPCD13M8S	–	–	8 x 6 mm	£14.59
cAPCD13006S	3/8"	0.25"	9.5 x 6.4 mm	£15.10

### UNVALVED – WITH SHROUD

cAPC130-04S	1/4"	0.17"	6.4 x 4.3 mm	£12.89
cAPC130-06S	3/8"	0.25"	9.5 x 6.4 mm	£13.92

### PANEL MOUNT – VALVED HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cAPCD160-04	1/4"	6.4 mm	£20.99
cAPCD160-05	5/16"	7.9 mm	£22.66
cAPCD160-06	3/8"	9.5 mm	£20.27

### UNVALVED

cAPC160-04	1/4"	6.4 mm	£17.98
cAPC160-05	5/16"	7.9 mm	£21.11
cAPC160-06	3/8"	9.5 mm	£18.36

### PANEL MOUNT – VALVED FERRULESS POLYTUBE FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cAPCD120-04	1/4"	0.17"	6.4 x 4.3 mm	£22.56
cAPCD120M8	–	–	8 x 6 mm	£23.82
cAPCD120-06	3/8"	0.25"	9.5 x 6.4 mm	£21.09
cAPCD120M10	–	–	10 x 8 mm	£24.41

### UNVALVED

cAPC120-04	1/4"	0.17"	6.4 x 4.3 mm	£20.44
cAPC120-M8	–	–	8 x 6 mm	£21.64

COUPLING INSERTS

PIPE THREAD – VALVED  
NPT MALE



PART NUMBER	THREAD	PRICE
cAPCD240-04	1/4" NPT	£10.49
cAPCD240-06	3/8" NPT	£11.32

BSPT MALE

cAPCD240040	1/4" BSPT	£11.86
cAPCD240060	3/8" BSPT	£12.63

UNVALVED  
NPT MALE

cAPC240-04	1/4" NPT	£2.10
cAPC240-06	3/8" NPT	£4.37

BSPT MALE

cAPC240-040	1/4" BSPT	£2.83
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IN-LINE – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cAPCD220-04	1/4"	6.4 mm	£9.88
cAPCD220-06	3/8"	9.5 mm	£9.75

UNVALVED

cAPC220-04	1/4"	6.4 mm	£1.49
cAPC220-06	3/8"	9.5 mm	£1.49

IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cAPCD200-04	1/4"	0.17"	6.4 x 4.3 mm	£11.15
cAPCD200M8	–	–	8 x 6 mm	£13.97
cAPCD200-06	3/8"	0.25"	9.5 x 6.4 mm	£12.29
cAPCD200M10	–	–	10 x 8 mm	£15.79

UNVALVED

cAPC200-04	1/4"	0.17"	6.4 x 4.3 mm	£7.80
cAPC200-M8	–	–	8 x 6 mm	£7.61
cAPC200-06	3/8"	0.25"	9.5 x 6.4 mm	£7.87

CAD drawings are available for all Colder couplings. These files are available in many formats including STEP, IGES & native file formats. Please contact your distributor for more details.

ELBOW – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cAPCD230-04	1/4"	6.4 mm	£13.30
cAPCD230-06	3/8"	9.5 mm	£13.57

UNVALVED

cAPC230-04	1/4"	6.4 mm	£2.58
cAPC230-06	3/8"	9.5 mm	£2.57

ELBOW – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cAPCD210-04	1/4"	0.17"	6.4 x 4.3 mm	£13.54
cAPCD210-06	3/8"	0.25"	9.5 x 6.4 mm	£13.79

UNVALVED

cAPC210-06	3/8"	0.25"	9.5 x 6.4 mm	£13.20
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Do you also need?

**NBR gaskets**

Find it on page 50, section two

NSF Standard  
The APC series is available in NSF listed versions for food & beverage dispensing. Please contact your distributor for more details.

FEATURES		BENEFITS	
• High efficiency valve		• More flow in a compact size	
• Plastic thumb latch		• Fewer moving parts	
• Polypropylene material		• Chemically resistant & gamma sterilisable	
• Compatible		• Mates with most APC couplings	
SPECIFICATIONS			
Coupling		Polypropylene	
Valve spring		316 stainless steel	
Latch spring		302 stainless steel	
Seal material		EPDM, others available	
Colour		Light grey, charcoal grey latch	
Working pressure		Vacuum to 105 psi (7.2 bar)	
Operating temperature		0°C to 71°C (32°F to 160°F)	
Flow – 1/4" hose barb		0.18" flow	
Flow – 3/8" hose barb		0.28" flow	



## COUPLING BODIES

## COUPLING INSERTS

### PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD	PRICE
cEFC104-12	1/4" NPT	£18.71
cEFC106-12	3/8" NPT	£20.06

### PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD	PRICE
cEFC244-12	1/4" NPT	£18.41
cEFC246-12	3/8" NPT	£19.21

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cEFC174-12	1/4"	6.4 mm	£19.64
cEFC176-12	3/8"	9.5 mm	£20.21

### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cEFC224-12	1/4"	6.4 mm	£16.87
cEFC226-12	3/8"	9.5 mm	£17.93

### UNVALVED

cEFC224-12	1/4"	6.4 mm	£4.95
cEFC226-12	3/8"	9.5 mm	£3.25

### BULKHEAD PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cEFC164-12	1/4"	6.4 mm	£26.93
cEFC166-12	3/8"	9.5 mm	£26.93

### ELBOWS – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cEFC234-12	1/4"	6.4 mm	£22.40
cEFC236-12	3/8"	9.5 mm	£21.71

## ACCESSORIES

### GASKETS



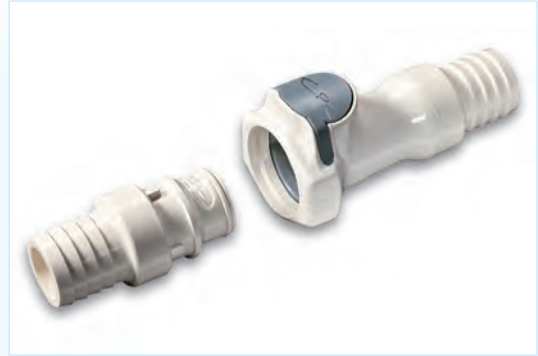
800

PART NUMBER	DESCRIPTION	PRICE
c668400	EPDM panel mount gasket	£2.12

### UNVALVED

cEFC234-12	1/4"	6.4 mm	£11.95
cEFC236-12	3/8"	9.5 mm	£13.12

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>No valves</li> <li>Smooth interior bore</li> <li>Ergonomic design</li> </ul>	<ul style="list-style-type: none"> <li>Exceptional flow</li> <li>Low turbulence</li> <li>Physically strong &amp; autoclavable</li> <li>Easy to grip, simple to operate</li> </ul>
SPECIFICATIONS	
Main components	Polysulfone
Thumb latch	Polysulfone
External spring	316 stainless steel
Seal material	FDA compliant NBR
Panel mount gasket	EPDM
Colour	Natural white, charcoal grey latch
Working pressure	Vacuum to 125 psi (8.6 bar)
Operating temperature	-40°C to +138°C (-40°F to +280°F)
Suggested tubing	PVC, silicone, reinforced PVC, polyurethane, rubber, latex



Min. quantities may apply – please ask at time of ordering

## COUPLING BODIES



### PIPE THREAD – UNVALVED NPT MALE

800

PART NUMBER	THREAD	PRICE
cFFC108-35	1/2" NPT	£24.21
cFFC1012-35	3/4" NPT	£27.49

### BSPT MALE

cFFC108-350	1/2" BSPT	£25.97
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### GHT MALE

cFFC101235G	3/4" GHT	£32.19
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## COUPLING INSERTS



### PIPE THREAD – UNVALVED NPT MALE

800

PART NUMBER	THREAD	PRICE
cFFC248-35	1/2" NPT	£15.64
cFFC2412-35	3/4" NPT	£17.32

### BSPT MALE

cFFC248-350	1/2" BSPT	£17.84
cFFC2412350	3/4" BSPT	£18.29



### PIPE THREAD – UNVALVED BSPP FEMALE INCLUDES FDA EPDM GASKET

800

PART NUMBER	THREAD	PRICE
cFFC191235B	3/4" BSPP	£32.29



### PIPE THREAD – UNVALVED BSPP FEMALE INCLUDES FDA EPDM GASKET

800

PART NUMBER	THREAD	PRICE
cFFC261235B	3/4" BSPP	£21.57



### IN-LINE – UNVALVED HOSE BARB

800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cFFC1712-35	3/4"	19 mm	£24.07



### IN-LINE – UNVALVED HOSE BARB

800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cFFC2212-35	3/4"	19 mm	£13.58



### BULKHEAD PANEL MOUNT UNVALVED HOSE BARB

800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cFFC1612-35	3/4"	19 mm	£33.21

## Do you also need?



### Caps & plugs

Find it on page 100, section two

FEATURES		BENEFITS	
<ul style="list-style-type: none"> <li>• High efficiency valve</li> <li>• Ergonomic design</li> <li>• Compatible</li> </ul>		<ul style="list-style-type: none"> <li>• More flow &amp; less spillage in a compact size</li> <li>• Easy to grip, simple to operate</li> <li>• Chemically resistant &amp; gamma sterilisable</li> <li>• Mates with HFC35 &amp; HFC57 couplings</li> </ul>	
SPECIFICATIONS			
Coupling	Polypropylene		
Seal material	EPDM		
Springs	316 stainless steel		
Panel mount gasket	EPDM		
Colour	Light grey, charcoal grey latch		
Working pressure	Vacuum to 60 psi (4.2 bar)		
Operating temperature	0°C to 71°C (32°F to 160°F)		
Suggested tubing	PVC, silicone, reinforced PVC, polyurethane, rubber, latex		



Also available NSF listed

Min. quantities may apply – please ask at time of ordering

## COUPLING BODIES

### PIPE THREAD – VALVED

#### NPT MALE



800

PART NUMBER	THREAD	PRICE
cHFC106-12	3/8" NPT	£21.12
cHFC108-12	1/2" NPT	£21.02
cHFC101212	3/4" NPT	£22.17

#### BSPT MALE

cHFC106120	3/8" BSPT	£22.76
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#### UNVALVED

#### NPT MALE

cHFC106-12	3/8" NPT	£17.83
cHFC108-12	1/2" NPT	£16.59
cHFC101212	3/4" NPT	£18.38

#### BSPT MALE

cHFC106120	3/8" BSPT	£19.44
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800

### IN-LINE – VALVED

#### HOSE BARB

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cHFC176-12	3/8"	9.5 mm	£22.06
cHFC178-12	1/2"	12.7 mm	£22.06
cHFC171012	5/8"	15.9 mm	£24.05
cHFC171212	3/4"	19.0 mm	£22.60

#### UNVALVED

cHFC176-12	3/8"	9.5 mm	£17.89
cHFC178-12	1/2"	12.7 mm	£18.33
cHFC1710-12	5/8"	15.9 mm	£21.46
cHFC1712-12	3/4"	19.0 mm	£19.54

### IN-LINE – VALVED

#### COMPRESSION



800

PART NUMBER	TUBE OD	METRIC EQ.	PRICE
cHFC136-12	3/8"	9.5 mm	£28.46
cHFC138-12	1/2"	12.7 mm	£30.46

#### UNVALVED

cHFC138-12	1/2"	12.7 mm	£25.54
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### BULKHEAD PANEL MOUNT – VALVED

#### HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cHFC166-12	3/8"	9.5 mm	£28.45
cHFC168-12	1/2"	12.7 mm	£28.36
cHFC161012	5/8"	15.9 mm	£32.61
cHFC161212	3/4"	19.0 mm	£29.14

#### UNVALVED

cHFC166-12	3/8"	9.5 mm	£25.43
cHFC168-12	1/2"	12.7 mm	£25.14
cHFC1610-12	5/8"	15.9 mm	£27.19
cHFC1612-12	3/4"	19.0 mm	£26.57

### BULKHEAD PANEL MOUNT – VALVED

#### COMPRESSION



800

PART NUMBER	TUBE OD	METRIC EQ.	PRICE
cHFC126-12	3/8"	9.5 mm	£34.75
cHFC128-12	1/2"	12.7 mm	£36.20

#### UNVALVED

cHFC126-12	3/8"	9.5 mm	£34.41
cHFC128-12	1/2"	12.7 mm	£32.51

COUPLING INSERTS

PIPE THREAD – VALVED  
NPT MALE



800

PART NUMBER	THREAD	PRICE
cHFCD246-12	3/8" NPT	£17.06
cHFCD248-12	1/2" NPT	£17.18
cHFCD241212	3/4" NPT	£17.54

BSPT MALE

cHFCD246120	3/8" BSPT	£18.65
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UNVALVED  
NPT MALE

cHFC246-12	3/8" NPT	£8.03
cHFC248-12	1/2" NPT	£8.03
cHFC2412-12	3/4" NPT	£9.60

BSPT MALE

cHFC246-120	3/8" BSPT	£10.75
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IN-LINE – VALVED  
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cHFCD226-12	3/8"	9.5 mm	£16.74
cHFCD228-12	1/2"	12.7 mm	£16.94
cHFCD221012	5/8"	15.9 mm	£17.74
cHFCD221212	3/4"	19.0 mm	£17.30

UNVALVED

cHFC226-12	3/8"	9.5 mm	£7.79
cHFC228-12	1/2"	12.7 mm	£7.60
cHFC2210-12	5/8"	15.9 mm	£8.62
cHFC2212-12	3/4"	19.0 mm	£8.97

PANEL MOUNT – VALVED  
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cHFCD42612	3/8"	9.5 mm	£27.22
cHFCD42812	1/2"	12.7 mm	£27.22
cHFCD421212	3/4"	19.0 mm	£29.23

UNVALVED

cHFC42612	3/8"	9.5 mm	£27.22
cHFC42812	1/2"	12.7 mm	£26.32

IN-LINE – VALVED  
COMPRESSION



800

PART NUMBER	TUBE OD	METRIC EQ.	PRICE
cHFCD206-12	3/8"	9.5 mm	£25.36
cHFCD208-12	1/2"	12.7 mm	£25.64

UNVALVED

cHFC206-12	3/8"	9.5 mm	£17.46
cHFC208-12	1/2"	12.7 mm	£17.36

ELBOWS – VALVED  
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cHFCD236-12	3/8"	9.5 mm	£19.88
cHFCD238-12	1/2"	12.7 mm	£19.91
cHFCD231212	3/4"	19.0 mm	£20.99

UNVALVED

cHFC2312-12	3/4"	19.0 mm	£15.12
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PANEL MOUNT ELBOW – VALVED  
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cHFCD43812	1/2"	12.7 mm	£32.33
cHFCD431212	3/4"	19.0 mm	£32.98

UNVALVED

cHFC43812	1/2"	12.7 mm	£30.57
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FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Automatic shut-off valves</li> <li>Audible 'click' when engaged</li> <li>Sterilisable by autoclave, EtO, e-beam, or gamma</li> <li>Lightweight</li> </ul>	<ul style="list-style-type: none"> <li>Stops flow &amp; eliminates need for awkward pinch clamps</li> <li>Confidence of a secure connection</li> <li>Physical strength, durability &amp; an excellent replacement for stainless steel</li> <li>Reusable &amp; compatible with your existing processes</li> <li>Removes extra weight from assemblies</li> </ul>
SPECIFICATIONS	
Coupling	Polysulfone
Seal material	EPDM
Springs	316 stainless steel
Panel mount gasket	EPDM
Colour	Natural white, charcoal grey latch
Working pressure	Vacuum to 125 psi (8.6 bar)
Operating temperature	-40°C to +138°C (-40°F to +280°F)
Suggested tubing	PVC, silicone, reinforced PVC, polyurethane, rubber, latex



Also available NSF listed

Min. quantities may apply – please ask at time of ordering

## COUPLING BODIES

### PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD	PRICE
cHFC106-35	3/8" NPT	£29.02
cHFC108-35	1/2" NPT	£27.82
cHFC101235	3/4" NPT	£29.53

### BSPT MALE

cHFC106350	3/8" BSPT	£28.71
cHFC108350	1/2" BSPT	£28.70
cHFC102350	3/4" BSPT	£31.21

### UNVALVED

#### NPT MALE

cHFC106-35	3/8" NPT	£25.62
cHFC1012-35	3/4" NPT	£26.27

#### BSPT MALE

cHFC108-350	1/2" BSPT	£24.73
cHFC1012350	3/4" BSPT	£25.34

#### GHT MALE

cHFC101235G	3/4" GHT	£23.66
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### PIPE THREAD – VALVED BSPP FEMALE



800

PART NUMBER	THREAD	PRICE
cHFC19235B	3/4" BSPP	£33.22

#### GHT FEMALE

cHFC19235G	3/4" GHT	£31.47
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### UNVALVED

#### BSPP FEMALE

cHFC191235B	3/4" BSPP	£30.67
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#### GHT FEMALE

cHFC191235G	3/4" GHT	£30.76
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### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cHFC176-35	3/8"	9.5 mm	£27.19
cHFC178-35	1/2"	12.7 mm	£27.24
cHFC171035	5/8"	15.9 mm	£31.61
cHFC171235	3/4"	19.0 mm	£29.41

### UNVALVED

cHFC176-35	3/8"	9.5 mm	£22.75
cHFC178-35	1/2"	12.7 mm	£23.59
cHFC1710-35	5/8"	15.9 mm	£24.90

### BULKHEAD PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cHFC166-35	3/8"	9.5 mm	£35.06
cHFC168-35	1/2"	12.7 mm	£35.90
cHFC161035	5/8"	15.9 mm	£39.38
cHFC161235	3/4"	19.0 mm	£39.68

### UNVALVED

cHFC166-35	3/8"	9.5 mm	£31.04
cHFC168-35	1/2"	12.7 mm	£30.38
cHFC1610-35	5/8"	15.9 mm	£38.57

COUPLING INSERTS

PIPE THREAD – VALVED  
NPT MALE



PART NUMBER	THREAD	PRICE
cHFCD246-35	3/8" NPT	£20.89
cHFCD248-35	1/2" NPT	£21.00
cHFCD241235	3/4" NPT	£22.55

BSPT MALE

cHFCD246350	3/8" BSPT	£21.98
cHFCD248350	1/2" BSPT	£21.49
cHFCD242350	3/4" BSPT	£22.97

GHT MALE

cHFCD24235G	3/4" GHT	£22.26
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UNVALVED

NPT MALE

cHFC246-35	3/8" NPT	£13.81
cHFC248-35	1/2" NPT	£13.34
cHFC2412-35	3/4" NPT	£13.63

BSPT MALE

cHFC248-350	1/2" BSPT	£13.68
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BSPT MALE

cHFC241235G	3/4" GHT	£15.69
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PIPE THREAD – VALVED  
BSPP FEMALE

PART NUMBER	THREAD	PRICE
cHFCD26235B	3/4" BSPP	£25.29

GHT FEMALE

cHFCD26235G	3/4" GHT	£24.18
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UNVALVED

GHT FEMALE

cHFC261235G	3/4" GHT	£17.10
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IN-LINE – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cHFCD226-35	3/8"	9.5 mm	£18.99
cHFCD228-35	1/2"	12.7 mm	£18.99
cHFCD221035	5/8"	15.9 mm	£21.12
cHFCD221235	3/4"	19.0 mm	£20.12

UNVALVED

cHFC226-35	3/8"	9.5 mm	£11.13
cHFC228-35	1/2"	12.7 mm	£11.33
cHFC2210-35	5/8"	15.9 mm	£14.33



ELBOWS – VALVED  
HOSE BARB

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cHFCD236-35	3/8"	9.5 mm	£23.80
cHFCD238-35	1/2"	12.7 mm	£24.16

Do you also need?

ELDON JAMES

Flexelene™ tubing



Find it on page 634, section ten





FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• High efficiency valve</li> <li>• Ergonomic design</li> <li>• Compatible</li> <li>• Lightweight</li> </ul>	<ul style="list-style-type: none"> <li>• Physically strong &amp; UV resistant</li> <li>• More flow &amp; less spillage in a compact size</li> <li>• Easy to grip, simple to operate</li> <li>• Mates with HFC35 couplings</li> <li>• Removes extra weight from assemblies</li> </ul>
SPECIFICATIONS	
Coupling	UV-resistant polysulfone
Seal material	EPDM
Springs	316 stainless steel
Panel mount gasket	EPDM
Colour	Black body & latch
Working pressure	Vacuum to 125 psi (8.6 bar)
Operating temperature	-40°C to +138°C (-40°F to +280°F)
Suggested tubing	PVC, silicone, reinforced PVC, polyurethane, rubber, latex



Min. quantities may apply – please ask at time of ordering

## COUPLING BODIES

### PIPE THREAD – VALVED

#### NPT MALE



800

PART NUMBER	THREAD	PRICE
cHFCD108-57	1/2" NPT	£32.96

#### BSPT MALE

cHFCD102570	3/4" BSPT	£33.22
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#### GHT MALE

cHFCD10257G	3/4" GHT	£37.18
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#### UNVALVED

#### NPT MALE

cHFC108-57	1/2" NPT	£28.16
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### IN-LINE – VALVED

#### HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cHFCD176-57	3/8"	9.5 mm	£28.94
cHFCD178-57	1/2"	12.7 mm	£29.36
cHFCD171057	5/8"	15.9 mm	£29.57
cHFCD171257	3/4"	19.0 mm	£31.37

#### UNVALVED

cHFC176-57	3/8"	9.5 mm	£25.24
cHFC178-57	1/2"	12.7 mm	£27.22
cHFC1712-57	3/4"	19.0 mm	£26.30

### PIPE THREAD – VALVED

#### FEMALE THREAD



800

PART NUMBER	THREAD	PRICE
cHFCD19257G	3/4" GHT	£37.62

#### UNVALVED

cHFC191257G	3/4" GHT	£30.32
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### BULKHEAD PANEL MOUNT

#### VALVED

#### HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cHFCD166-57	3/8"	9.5 mm	£37.02
cHFCD168-57	1/2"	12.7 mm	£38.25
cHFCD161057	5/8"	15.9 mm	£40.42
cHFCD161257	3/4"	19.0 mm	£37.83

Gaskets are included with all female garden hose adaptors

COUPLING INSERTS

PIPE THREAD – VALVED  
NPT MALE



PART NUMBER	THREAD	PRICE
cHFC248-57	1/2" NPT	£23.20

BSPT MALE

cHFC242570	3/4" BSPT	£25.95
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GHT MALE

cHFC24257G	3/4" GHT	££22.55
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UNVALVED

NPT MALE

cHFC248-57	1/2" NPT	£17.13
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BSPT MALE

cHFC246-570	3/8" BSPT	£19.24
cHFC248-570	1/2" BSPT	£17.94

GHT MALE

cHFC241257G	3/4" GHT	£14.25
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IN-LINE – VALVED  
HOSE BARB



PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cHFC226-57	3/8"	9.5 mm	£19.90
cHFC228-57	1/2"	12.7 mm	£20.68
cHFC221057	5/8"	15.9 mm	£20.14
cHFC221257	3/4"	19.0 mm	£21.19

UNVALVED

cHFC226-57	3/8"	9.5 mm	£12.53
cHFC228-57	1/2"	12.7 mm	£12.92
cHFC2212-57	3/4"	19.0 mm	£12.97

PIPE THREAD – VALVED  
GHT FEMALE



PART NUMBER	THREAD	PRICE
cHFC26257G	3/4" GHT	£24.40

UNVALVED

GHT FEMALE

cHFC261257G	3/4" GHT	£20.83
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Gaskets are included with all female garden hose adaptors

ACCESSORIES

BULKHEAD PANEL MOUNT  
GASKETS



PART NUMBER	COUPLING SERIES	MATERIAL	PRICE
c621200	HFC / FFC	EPDM	£1.86

GARDEN HOSE THREAD  
GASKETS



PART NUMBER	COUPLING SERIES	MATERIAL	PRICE
c2339400	HFC / FFC	FDA / EPDM	£1.62

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Brass material</li> <li>• Chrome plating</li> <li>• High temperature capability</li> <li>• CPC thumb latch</li> <li>• Compatible</li> </ul>	<ul style="list-style-type: none"> <li>• Durable &amp; able to withstand higher pressure &amp; temperature</li> <li>• Attractive appearance</li> <li>• Versions rated to 204°C (400°F)</li> <li>• One hand connection &amp; disconnection</li> <li>• MC mates with PMC &amp; PMC12 series couplings</li> </ul>
SPECIFICATIONS	
Bodies	Chrome plated brass
Valves	Acetal
Valve springs	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	NBR
Working pressure	Vacuum to 250 psi (17.3 bar)
Operating temperature	-40°C to +82°C (-40°F to +180°F)



## COUPLING BODIES

### PIPE THREAD – VALVED

#### NPT MALE



800

PART NUMBER	THREAD	PRICE
cMCD10-02	1/8" NPT	£21.33
cMCD10-04	1/4" NPT	£21.41

#### BSPT MALE

cMCD10-020	1/8" BSPT	£22.37
cMCD10-040	1/4" BSPT	£24.02

#### UNVALVED

##### NPT MALE

cMC10-02	1/8" NPT	£18.95
cMC10-04	1/4" NPT	£19.03

##### BSPT MALE

cMC10-020	1/8" BSPT	£20.87
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### IN-LINE – VALVED

#### HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cMCD17-02	1/8"	3.2 mm	£33.99
cMCD17-03	3/16"	4.8 mm	£40.46
cMCD17-04	1/4"	6.4 mm	£33.84

#### UNVALVED

cMC17-02	1/8"	3.2 mm	£31.77
cMC17-03	3/16"	4.8 mm	£38.65
cMC17-04	1/4"	6.4 mm	£34.48

### IN-LINE – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cMCD13-04	1/4"	0.17"	6.4 x 4.3 mm	£42.65

### PANEL MOUNT – VALVED

#### HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cMCD16-02	1/8"	3.2 mm	£32.21
cMCD16-03	3/16"	4.8 mm	£35.09
cMCD16-04	1/4"	6.4 mm	£35.57

#### UNVALVED

cMC16-02	1/8"	3.2 mm	£29.17
cMC16-03	3/16"	4.8 mm	£34.27
cMC16-04	1/4"	6.4 mm	£29.92

### PANEL MOUNT – VALVED

#### FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cMCD12-025	5/32"	0.10"	4 x 2.5 mm	£39.15
cMCD12-04	1/4"	0.17"	6.4 x 4.3 mm	£37.44

#### UNVALVED

cMC12-025	5/32"	0.10"	4 x 2.5 mm	£38.66
cMC12-04	1/4"	0.17"	6.4 x 4.3 mm	£34.65

### PANEL MOUNT – VALVED

#### NPT MALE



800

PART NUMBER	THREAD	PRICE
cMCD15-02	1/8" NPT	£31.45

#### UNVALVED

cMC15-02	1/8" NPT	£34.14
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### PANEL MOUNT – VALVED

#### UNF FEMALE



800

PART NUMBER	TUBING SIZE	PRICE
cMCD18-1032	10-32 UNF	£37.25

#### UNVALVED

cMC18-1032	10-32 UNF	£34.20
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High temperature version available

Keyed colour coded version available  
Please ask for details

Also available NSF listed

COUPLING INSERTS

PIPE THREAD – VALVED

NPT MALE



800

PART NUMBER	THREAD	PRICE
cMCD24-02	1/8" NPT	£22.84
cMCD24-04	1/4" NPT	£24.01

BSPT MALE

cMCD24-020	1/8" BSPT	£24.26
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UNVALVED

NPT MALE

cMC24-02	1/8" NPT	£10.42
cMC24-04	1/4" NPT	£11.28

BSPT MALE

cMC24-020	1/8" BSPT	£10.84
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PIPE THREAD – VALVED

NPT FEMALE



800

PART NUMBER	THREAD	PRICE
cMCD26-02	1/8" NPT	£26.89
cMCD26-04	1/4" NPT	£27.83

BSPT FEMALE

cMCD26-04BP	1/4" BSPP	£30.05
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UNVALVED

NPT FEMALE

cMC26-02	1/8" NPT	£10.51
cMC26-04	1/4" NPT	£13.58

IN-LINE – VALVED

FEMALE THREAD



800

PART NUMBER	TUBING SIZE	PRICE
cMCD28-1032	10-32 UNF	£28.19

UNVALVED

cMC28-1032	10-32 UNF	£13.43
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IN-LINE – VALVED

HOSE BARB



800

PART NUMBER	TUBING SIZE	METRIC EQ.	PRICE
cMCD22-02	1/8" ID	3.2 mm ID	£22.00
cMCD22-03	3/16" ID	4.8 mm ID	£24.92
cMCD22-04	1/4" ID	6.4 mm ID	£23.37

UNVALVED

cMC22-02	1/8" ID	3.2 mm ID	£9.10
cMC22-03	3/16" ID	4.8 mm ID	£9.97
cMC22-04	1/4" ID	6.4 mm ID	£10.06

IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cMCD20-025	5/32"	0.10"	4 x 2.5 mm	£29.41
cMCD20-04	1/4"	0.17"	6.4 x 4.3 mm	£25.30
cMCD20-06	3/8"	0.25"	9.5 x 6.4 mm	£33.45

UNVALVED

cMC20-025	5/32"	0.10"	4 x 2.5 mm	£13.54
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PANEL MOUNT – VALVED  
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cMCD42-03	3/16"	4.8 mm	£29.73
cMCD42-04	1/4"	6.4 mm	£31.23

UNVALVED

cMC42-02	1/8"	3.2 mm	£22.41
cMC42-03	3/16"	4.8 mm	£23.63
cMC42-04	1/4"	6.4 mm	£25.44

PANEL MOUNT – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cMCD40-04	1/4"	0.17"	6.4 x 4.3 mm	£27.99

UNVALVED

cMC40-04	1/4"	0.17"	6.4 x 4.3 mm	£27.44
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ELBOW – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cMCD21-025	5/32"	0.10"	4 x 2.5 mm	£41.16
cMCD21-04	1/4"	0.17"	6.4 x 4.3 mm	£29.92

UNVALVED

cMC21-025	5/32"	0.10"	4 x 2.5 mm	£31.04
cMC21-04	1/4"	0.17"	6.4 x 4.3 mm	£26.83

ELBOW – VALVED  
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cMCD23-02	1/8"	3.2 mm	£26.37
cMCD23-04	1/4"	6.4 mm	£27.27

UNVALVED

cMC23-02	1/8"	3.2 mm	£24.05
cMC23-04	1/4"	6.4 mm	£22.11

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Brass material</li> <li>• Chrome plating</li> <li>• High temperature capability</li> <li>• Compatible</li> </ul>	<ul style="list-style-type: none"> <li>• Durable &amp; able to withstand higher pressure &amp; temperature</li> <li>• Versions rated to 204°C (400°F)</li> <li>• Mates with PLC series couplings</li> </ul>
SPECIFICATIONS	
Bodies	Chrome plated brass
Valves	Acetal
Valve springs	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	NBR
Working pressure	Vacuum to 250 psi (17.3 bar)
Operating temperature	-40°C to +82°C (-40°F to +180°F)



## COUPLING BODIES

### PIPE THREAD – VALVED

#### NPT MALE



800

PART NUMBER	THREAD	PRICE
cLCD100-04	1/4" NPT	£25.67
cLCD100-06	3/8" NPT	£25.67

#### BSPT MALE

cLCD100-040	1/4" BSPT	£27.42
cLCD100-060	3/8" BSPT	£28.20

#### UNVALVED

#### NPT MALE

cLC100-04	1/4" NPT	£23.46
cLC100-06	3/8" NPT	£23.53

#### BSPT MALE

cLC100-040	1/4" BSPT	£25.03
cLC100-060	3/8" BSPT	£28.74

### IN-LINE – VALVED

#### HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLCD170-04	1/4"	6.4 mm	£41.95
cLCD170-05	5/16"	7.9 mm	£48.70
cLCD170-06	3/8"	9.5 mm	£41.92

#### UNVALVED

cLC170-04	1/4"	6.4 mm	£41.44
cLC170-05	5/16"	7.9 mm	£45.56
cLC170-06	3/8"	9.5 mm	£41.13

### IN-LINE – VALVED

#### FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cLCD130-04	1/4"	0.17"	6.4 x 4.3 mm	£50.35
cLCD130-06	3/8"	0.25"	9.5 x 6.4 mm	£50.47

#### UNVALVED

cLC130-04	1/4"	0.17"	6.4 x 4.3 mm	£51.86
cLC130-06	3/8"	0.25"	9.5 x 6.4 mm	£53.12

### PANEL MOUNT – VALVED

#### HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLCD160-04	1/4"	6.4 mm	£42.51
cLCD160-05	5/16"	7.9 mm	£46.40
cLCD160-06	3/8"	9.5 mm	£42.53

#### UNVALVED

cLC160-05	5/16"	7.9 mm	£48.17
cLC160-06	3/8"	9.5 mm	£39.19

### PANEL MOUNT – VALVED

#### FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cLCD120-04	1/4"	0.17"	6.4 x 4.3 mm	£46.87
cLCD120-06	3/8"	0.25"	9.5 x 6.4 mm	£45.74

#### UNVALVED

cLC120-04	1/4"	0.17"	6.4 x 4.3 mm	£42.09
cLC120-06	3/8"	0.25"	9.5 x 6.4 mm	£43.08

### PANEL MOUNT – VALVED

#### MALE THREAD



800

PART NUMBER	THREAD	PRICE
cLCD150-04	1/4" NPT	£36.12

#### UNVALVED

cLC150-04	1/4" NPT	£32.10
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Also available NSF listed

High temperature version available  
Please ask for details

COUPLING INSERTS

PIPE THREAD – VALVED

NPT MALE



800

PART NUMBER	THREAD	PRICE
cLCD240-04	1/4" NPT	£25.92
cLCD240-06	3/8" NPT	£28.07

BSPT MALE

cLCD240-040	1/4" BSPT	£27.52
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UNVALVED

NPT MALE

cLC240-04	1/4" NPT	£11.48
cLC240-06	3/8" NPT	£13.38

BSPT MALE

cLC240-040	1/4" BSPT	£13.78
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PIPE THREAD – VALVED

NPT FEMALE



800

PART NUMBER	THREAD	PRICE
cLCD260-04	1/4" NPT	£27.87

BSPP FEMALE

cLCD260-04BP	1/4" BSPP	£30.31
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UNVALVED

NPT FEMALE

cLC260-04	1/4" NPT	£12.21
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BSPP FEMALE

cLC260-04BP	1/4" BSPP	£14.78
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IN-LINE – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLCD220-04	1/4"	6.4 mm	£25.64
cLCD220-05	5/16"	7.9 mm	£28.60
cLCD220-06	3/8"	9.5 mm	£25.62

UNVALVED

cLC220-04	1/4"	6.4 mm	£11.01
cLC220-05	5/16"	7.9 mm	£13.90
cLC220-06	3/8"	9.5 mm	£11.23

IN-LINE – VALVED

FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cLCD200-04	1/4"	0.17"	6.4 x 4.3 mm	£30.33
cLCD200-06	3/8"	0.25"	9.5 x 6.4 mm	£32.10

UNVALVED

cLC200-04	1/4"	0.17"	6.4 x 4.3 mm	£13.88
cLC200-06	3/8"	0.25"	9.5 x 6.4 mm	£17.70

PANEL MOUNT – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLCD420-04	1/4"	6.4 mm	£35.33
cLCD420-05	5/16"	7.9 mm	£41.65
cLCD420-06	3/8"	9.5 mm	£34.84

UNVALVED

cLC420-04	1/4"	6.4 mm	£24.68
cLC420-05	5/16"	7.9 mm	£35.84

PANEL MOUNT – VALVED

FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cLCD400-04	1/4"	0.17"	6.4 x 4.3 mm	£41.45
cLCD400-06	3/8"	0.25"	9.5 x 6.4 mm	£38.23

UNVALVED

cLC400-04	1/4"	0.17"	6.4 x 4.3 mm	£30.44
cLC400-06	3/8"	0.25"	9.5 x 6.4 mm	£35.08

ELBOW – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cLCD230-04	1/4"	6.4 mm	£26.17
cLCD230-06	3/8"	9.5 mm	£27.71

UNVALVED

cLC230-04	1/4"	6.4 mm	£23.15
cLC230-06	3/8"	9.5 mm	£24.80

ELBOW – VALVED

FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cLCD210-04	1/4"	0.17"	6.4 x 4.3 mm	£33.45
cLCD210-06	3/8"	0.25"	9.5 x 6.4 mm	£33.92

UNVALVED

cLC210-04	1/4"	0.17"	6.4 x 4.3 mm	£30.63
cLC210-06	3/8"	0.25"	9.5 x 6.4 mm	£33.72



FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Two line connection</li> <li>• Separate flow paths</li> <li>• CPC thumb latch</li> <li>• Free coupling rotation</li> </ul>	<ul style="list-style-type: none"> <li>• Fast, efficient operation</li> <li>• Pressure and / or vacuum in one coupling</li> <li>• One hand connection &amp; disconnection</li> <li>• Eliminates kinked tubing</li> </ul>
SPECIFICATIONS	
Bodies & inserts	Acetal or ABS
Springs, pin, latch	Stainless steel
Seal material	NBR
Working pressure	Vacuum to 120 psi (8.3 bar) per line
Operating temperature	-40°C to +82°C (-40°F to +180°F)



## COUPLING BODIES

## COUPLING INSERTS

### PANEL MOUNT – UNVALVED HOSE BARB – ACETAL



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPTC 160-10	1/16"	1.6 mm	£24.55
cPTC 160-20	1/8"	3.2 mm	£22.26

### IN-LINE – UNVALVED HOSE BARB – ACETAL



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPTC 220-10	1/16"	1.6 mm	£17.24
cPTC 220-20	1/8"	3.2 mm	£14.28

### PANEL MOUNT – UNVALVED HOSE BARB – ABS



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPTC1602096	1/8"	3.2 mm	£19.48

### IN-LINE – UNVALVED HOSE BARB – ABS



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPTC2202096	1/8"	3.2 mm	£13.17

## Do you also need?

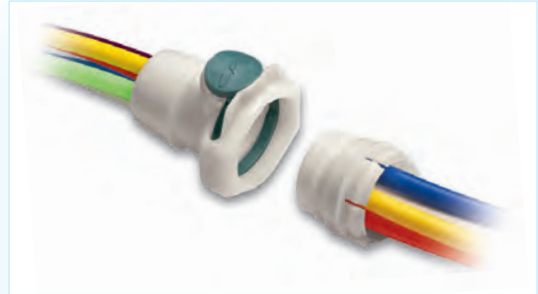


## DTLTD & DPC series connectors



Find it on page 96, section two

FEATURES	BENEFITS	
<ul style="list-style-type: none"> <li>• Six line connection</li> <li>• Separate flow paths</li> <li>• Insert is keyed to body</li> <li>• CPC thumb latch</li> </ul>	<ul style="list-style-type: none"> <li>• Fast, efficient operation</li> <li>• Pressure and / or vacuum in one coupling</li> <li>• Ensures correct line orientation</li> <li>• One hand connection &amp; disconnection</li> </ul>	
SPECIFICATIONS	Acetal	Polypropylene
Bodies & inserts	Acetal	Polypropylene
Housing & valves	Acetal	
Valve springs	316 stainless steel	
Seal material	NBR	EPDM
Working pressure	Vacuum to 100 psi (6.9 bar) per line	
Operating temperature	-40°C to +82°C (-40°F to +180°F)	0°C to 82°C (32°F to 180°F)



## COUPLING BODIES

### ACETAL – UNVALVED

#### WITH MALE FITTING INSERTS



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cSXM17-01	1/16"	1.6 mm	£34.45
cSXM17-M3	–	3.0 mm	£35.67
cSXM17-02	1/8"	3.2 mm	£31.61

### POLYPROPYLENE – UNVALVED

cSXM17-0212	1/8"	3.2 mm	£40.97
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### ACETAL – VALVED

#### WITH FEMALE FITTING BODIES



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cSXFD17-01	1/16"	1.6 mm	£95.16
cSXFD17-02	1/8"	3.2 mm	£96.37

### ACETAL – UNVALVED

cSXF17-M3	–	3.0 mm	£26.93
cSXF17-02	1/8"	3.2 mm	£28.57

### POLYPROPYLENE – UNVALVED

cSXF17-0112	1/16"	1.6 mm	£39.02
cSXF17-0212	1/8"	3.2 mm	£39.63

### ACETAL

#### WITHOUT FITTINGS



800

PART NUMBER	DESCRIPTION	PRICE
cSX17	Body supplied without fittings	£13.27

## COUPLING INSERTS

### ACETAL – VALVED

#### WITH FEMALE FITTING BODIES



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cSXFD42-01	1/16"	1.6 mm	£98.37
cSXFD42-M3	–	3.0 mm	£98.36
cSXFD42-02	1/8"	3.2 mm	£92.26

### ACETAL – UNVALVED

cSXF42-01	1/16"	1.6 mm	£21.50
cSXF42-M3	–	3.0 mm	£22.75
cSXF42-02	1/8"	3.2 mm	£19.95

### POLYPROPYLENE – UNVALVED

cSXF42-0112	1/16"	1.6 mm	£25.59
cSXF42-0212	1/8"	3.2 mm	£26.44

### ACETAL – UNVALVED

#### WITH MALE FITTING INSERTS



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cSXM42-01	1/16"	1.6 mm	£22.65
cSXM42-M3	–	3.0 mm	£22.95
cSXM42-02	1/8"	3.2 mm	£22.33

### POLYPROPYLENE – UNVALVED

cSXM42-0112	1/16"	1.6 mm	£30.20
cSXM42-0212	1/8"	3.2 mm	£30.58

### ACETAL

#### WITHOUT FITTINGS



800

PART NUMBER	DESCRIPTION	PRICE
cSX42	Insert supplied without fittings	£6.08

## ACCESSORIES

### PRESSURE PLUG

800

PART NUMBER	DESCRIPTION	PRICE
cTMP-MWHT	Pressure plug	£3.44



FEATURES	BENEFITS	
<ul style="list-style-type: none"> <li>Ten line</li> <li>Separate flow paths</li> <li>Insert is keyed to body</li> <li>Acetal or polypropylene inserts</li> </ul>	<ul style="list-style-type: none"> <li>Fast, efficient operation</li> <li>Pressure and / or vacuum in one coupling</li> <li>Ensures correct line orientation</li> <li>Maximise design flexibility</li> </ul>	
SPECIFICATIONS	Acetal	Polypropylene
Bodies & inserts	Acetal	Polypropylene
Housing	Nylon	Nylon
Valves	Acetal	
Valve springs	316 stainless steel	
Seal material	NBR	EPDM
Working pressure	Vacuum to 100 psi (6.9 bar) per line	
Operating temperature	-40°C to +82°C (-40°F to +180°F)	0°C to 82°C (32°F to 180°F)



## COUPLING BODIES



### ACETAL – VALVED WITH FEMALE FITTING BODIES

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cTFBD10-01	1/16"	1.6 mm	£141.50
cTFBD10-02	1/8"	3.2 mm	£136.19

### ACETAL – UNVALVED

cTFB10-01	1/16"	1.6 mm	£22.29
cTFB10-M3	–	3.0 mm	£25.17
cTFB10-02	1/8"	3.2 mm	£21.67

### POLYPROPYLENE – UNVALVED

cTFB10-0212	1/8"	3.2 mm	£30.30
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## COUPLING INSERTS



### ACETAL – UNVALVED WITH MALE FITTING INSERTS

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cTMB10-01	1/16"	1.6 mm	£59.61
cTMB10-M3	–	3.0 mm	£50.58
cTMB10-02	1/8"	3.2 mm	£45.46

### POLYPROPYLENE – UNVALVED

cTMB10-0212	1/8"	3.2 mm	£58.22
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### ACETAL – UNVALVED WITHOUT FITTING BODIES



PART NUMBER	DESCRIPTION	PRICE
cTFB10	Body supplied without fittings	£7.84

### ACETAL – UNVALVED WITHOUT FITTING INSERTS



PART NUMBER	DESCRIPTION	PRICE
cTMB10	Insert supplied without fittings	£24.09

## ACCESSORIES



### ACCESSORIES

PART NUMBER	DESCRIPTION	PRICE
cTS-10	Tube shroud snaps into either half	£9.90
cTPM-10	Panel mount adaptor, includes nut 7/16" max. panel thickness requires	£13.69

## COMPLETE COUPLING SET



### ACETAL – UNVALVED COMPLETE COUPLING SETS

PART NUMBER	TUBE ID	METRIC EQ.	LENGTH	PRICE
cTT10-01	1/16"	1.6 mm	1.3"	£76.85
cTT10-M3	–	3.0 mm	1.6"	£89.70
cTT10-02	1/8"	3.2 mm	1.6"	£80.89

### POLYPROPYLENE – UNVALVED

cTT10-02-12	1/8"	3.2 mm	1.6"	£95.07
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**FITTING BODIES**



**ACETAL – VALVED**

800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cTFFD-01	1/16"	1.6 mm	£13.01
cTFFD-M3	–	3.0 mm	£12.98
cTFFD-02	1/8"	3.2 mm	£12.70

**ACETAL – UNVALVED**

cTFF-01	1/16"	1.6 mm	£1.76
cTFF-M3	–	3.0 mm	£1.85
cTFF-02	1/8"	3.2 mm	£1.72

**POLYPROPYLENE – UNVALVED**

cTFF01-12	1/16"	1.6 mm	£2.64
cTFF02-12	1/8"	3.2 mm	£2.58



**ACETAL – VALVED**

800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cTFFD01MWHT	1/16"	1.6 mm	£16.93
cTFFD02MWHT	1/8"	3.2 mm	£13.18

**ACETAL – UNVALVED**

cTFF01-MWHT	1/16"	1.6 mm	£2.04
cTFF02-MWHT	1/8"	3.2 mm	£1.75

**ORDERING INFORMATION**

Each coupling body includes 10 inserts of one tube size. You can purchase inserts of different sizes for replacements of original tube fittings or to mix tube sizes in the coupling. Coupling body does not include optional tubing shroud or panel mount adaptor. Specify separately, depending on coupling configuration i.e. panel mount coupling requires one tubing shroud & one panel mount adaptor. Tube-to-tube coupling assemblies require two tubing shrouds.

Connectors supplied with one size tube fitting unless specified otherwise.

Optional tubing jacket protects tubing

Optional tubing shroud is ideal for in-line applications

Individual O-ring seal connections assure leak-free vacuum on pressure connections

Replaceable inserts

Tentube panel mount adaptor fits through a 1.875" diameter hole

30° LATCH TRAVEL

Keyed to provide non-interchangeable hook up

Thermoplastic materials provide exceptional chemical resistance

**TUBE FITTING INSERT**  
CPC's exclusive Tentube includes our patented 1/16" ID shrouded tube fitting to eliminate fitting breakage associated with miniature tube fittings.

Straight through or single side shut off capability

Positive latch connection. Slide the latch 30° for a positive no leak seal. Distinct 'click' assures coupling is locked. Connect or disconnect in one simple motion.

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Three to five line connection</li> <li>• Separate flow paths</li> <li>• Insert is keyed to body</li> <li>• Acetal or chrome plated brass</li> <li>• Leak free, easy operation</li> <li>• Keyed to prevent mismatches</li> </ul>	<ul style="list-style-type: none"> <li>• Fast, efficient operation</li> <li>• Maximises design flexibility</li> <li>• Ensures correct line orientation</li> </ul>
SPECIFICATIONS	
Coupling bodies & inserts	Acetal or chrome plated brass
Valves	Acetal
Valve springs	316 stainless steel
External springs & pin	Stainless steel
Seal material	NBR
Mounting plate	Black anodised aluminium
Working pressure – brass	Vacuum to 500 psi (34.5 bar) no. of stations
Working pressure – acetal	Vacuum to 240 psi (16.5 bar) no. of stations
Operating temperature	-40°C to +82°C (-40°F to +180°F)



Min. quantities may apply – please ask at time of ordering

## 1/8" FLOW COUPLING BODIES



### PANEL MOUNT – VALVED HOSE BARB

800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPMMD16-02	1/8"	3.2 mm	£16.90
cPMMD16-03	3/16"	4.8 mm	£18.14
cPMMD16-04	1/4"	6.4 mm	£17.35

### UNVALVED

cPMM16-02	1/8"	3.2 mm	£17.11
cPMM16-04	1/4"	6.4 mm	£15.80

## 1/4" FLOW COUPLING BODIES



### PANEL MOUNT – VALVED HOSE BARB

800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLMD160-04	1/4"	6.4 mm	£26.02
cPLMD160-06	3/8"	9.5 mm	£25.00

### UNVALVED

cPLM160-04	1/4"	6.4 mm	£24.91
cPLM160-05	5/16"	7.9 mm	£26.05

### PANEL MOUNT – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPMMD12-04	1/4"	0.17"	6.4 x 4.3 mm	£17.64

### UNVALVED

cPMM12-04	1/4"	0.17"	6.4 x 4.3 mm	£19.12
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### PANEL MOUNT – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPLMD120-04	1/4"	0.17"	6.4 x 4.3 mm	£26.96
cPLMD120-06	3/8"	0.25"	9.5 x 6.4 mm	£26.72

### PANEL MOUNT – VALVED UNF FEMALE



800

PART NUMBER	THREAD	PRICE
cPMMD181032	10-32 UNF	£28.94

High temperature version available for brass. Please ask for details.

### FOUR STEP MULTI-MOUNT ORDERING PROCESS

**Step 1:** Order two 'multiple mount plates' (one for the coupling bodies & one for the coupling inserts) with the appropriate number of connection stations for your specific application (available in 3, 4, or 5 connections, or construct your own).

**Step 2:** Order two 'standard panel mount coupling bodies with thumb latches' for the exterior stations.

**Step 3:** Order an appropriate number of 'multiple mount coupling bodies without thumb latches' to accommodate the remaining interior stations.

**Step 4:** Order an appropriate number of 'multiple mount inserts' to connect with standard & multiple mount bodies.

**NOTE:** To order chrome plated brass, remove the 'P' from the beginning of the part number.

Example: cPMMD16-02 = Acetal 1/8" ID Hose Barb  
cMMD16-02 = Chrome Plated Brass 1/8" ID Hose Barb

1/8" FLOW COUPLING INSERTS

IN-LINE – VALVED  
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPMMD22-02	1/8"	3.2 mm	£22.20
cPMMD22-04	1/4"	6.4 mm	£20.58

UNVALVED

cPMM22-02	1/8"	3.2 mm	£12.97
cPMM22-03	3/16"	4.8 mm	£14.09
cPMM22-04	1/4"	6.4 mm	£12.56

IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPMMD20-025	5/32"	0.10"	4 x 2.5 mm	£27.12
cPMMD20-04	1/4"	0.17"	6.4 x 4.3 mm	£21.32

UNVALVED

cPMM20-025	5/32"	0.10"	4 x 2.5 mm	£21.88
cPMM20-04	1/4"	0.17"	6.4 x 4.3 mm	£15.88

ELBOW – VALVED  
FERRULESS POLYTUBE  
FITTINGS, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPMMD21-04	1/4"	0.17"	6.4 x 4.3 mm	£26.37

UNVALVED

cPMM21-04	1/4"	0.17"	6.4 x 4.3 mm	£21.33
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1/4" FLOW COUPLING INSERTS

IN-LINE – VALVED  
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLMD220-04	1/4"	6.4 mm	£22.62
cPLMD220-06	3/8"	9.5 mm	£22.85

UNVALVED

cPLM220-04	1/4"	6.4 mm	£12.21
cPLM220-05	5/16"	7.9 mm	£13.76
cPLM220-06	3/8"	9.5 mm	£13.89

IN-LINE – VALVED  
FERRULESS POLYTUBE  
FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.	PRICE
cPLMD200-04	1/4"	0.17"	6.4 x 4.3 mm	£27.66
cPLMD200-06	3/8"	0.25"	9.5 x 6.4 mm	£26.29

UNVALVED

cPLM200-04	1/4"	0.17"	6.4 x 4.3 mm	£17.82
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ACCESSORIES

1/8" FLOW  
MULTIPLE MOUNT PLATES



800

PART NUMBER	NO. OF STATIONS	PRICE
cCP 103	3 Stations	£30.38
cCP 104	4 Stations	£33.74
cCP 105	5 Stations	£37.74

1/4" FLOW  
MULTIPLE MOUNT PLATES



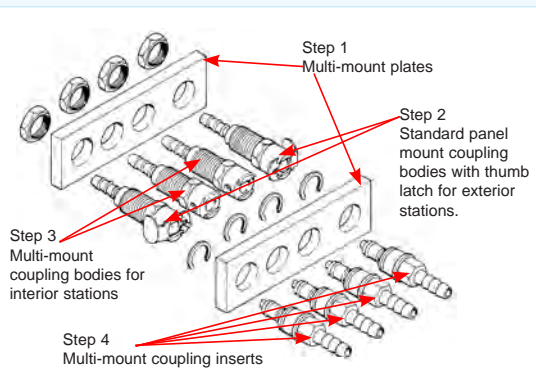
800

PART NUMBER	NO. OF STATIONS	PRICE
cLCP 103	3 Stations	£56.55
cLCP 104	4 Stations	£50.93

RETAINING RINGS

800

PART NUMBER	DESCRIPTION	PRICE
c01017-00	MC / PMC Series retaining ring	£1.03
c02781-00	LC / PLC Series retaining ring	£1.02



## DTLD SERIES CONNECTORS

FEATURES		BENEFITS	
<ul style="list-style-type: none"> <li>• Shrouded thumb latch</li> <li>• Latch always in position to accept insert</li> <li>• Compact, modular design</li> <li>• Independent quick connections</li> </ul>		<ul style="list-style-type: none"> <li>• Minimises inadvertent latch activation</li> <li>• Ensures leak free operation</li> <li>• Fits well in the hand &amp; is easy to wipe down</li> <li>• Requires minimal manual dexterity</li> </ul>	
SPECIFICATIONS			
Pressure	Vacuum to 20 psi (1.38 bar)		
Temperature	0°C to 48°C (32°F to 120°F)		
Materials			
Main components	ABS		
Thumb latch & internal body valve	Acetal		
Internal insert valve	Polypropylene		
Springs	Stainless steel		
O-rings	NBR		
Tubing sizes	1/4" to 3/8" ID, 6.4 mm to 9.5 mm ID		
Compliance	REACH, RoHS		
Seal material	NBR		



### COUPLING BODIES

#### WHITE – DUAL BODY – VALVED PLC HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cDTLD17004	1/4"	6.4 mm	£15.62
cDTLD17006	3/8"	9.5 mm	£16.01

#### BLACK – DUAL BODY – VALVED PLC HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cDTLD17004MBLK	1/4"	6.4 mm	£13.85
cDTLD17006MBLK	3/8"	9.5 mm	£14.90

### COUPLING INSERTS

#### WHITE – IN-LINE – VALVED ABS HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD2200406	1/4"	6.4 mm	£10.77
cPLCD2200606	3/8"	9.5 mm	£12.33

#### BLACK – IN-LINE – VALVED ABS HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPLCD2200606MBLK	3/8"	9.5 mm	£14.28

## DPC SERIES CONNECTORS

FEATURES		BENEFITS	
<ul style="list-style-type: none"> <li>• Single thumb latch</li> <li>• Insert keyed to body</li> <li>• Compact, modular design</li> <li>• Integral terminations</li> </ul>		<ul style="list-style-type: none"> <li>• Intuitive one step, two line connection &amp; disconnection</li> <li>• Ensures correct directional flow</li> <li>• Attractive, high quality appearance &amp; configuration flexibility</li> <li>• Fewer moving parts, shorter assemblies, faster installations</li> </ul>	
SPECIFICATIONS			
Pressure	Vacuum to 120 psi, 8.3 bar		
Temperature	0°C to 82°C (32°F to 180°F)		
Main Component	Acetal		
Spring	316 stainless steel		
Colour	White with blue latch		



### COUPLING BODIES

#### IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	PRICE
cDPCD17004	1/4"	£14.83
cDPCD17006	3/8"	£14.31

#### UNVALVED

cDPC17004	1/4"	£10.00
cDPC17006	3/8"	£10.14

### COUPLING INSERTS

#### IN-LINE – VALVED HOSE BARB



800

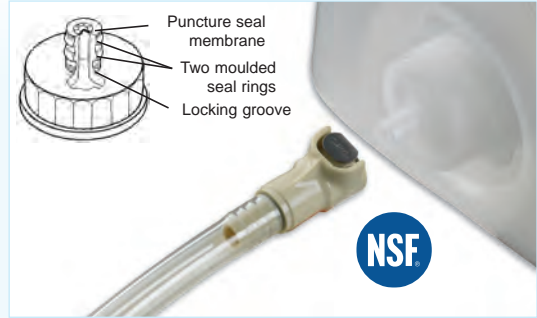
PART NUMBER	TUBE ID	PRICE
cDPCD22004	1/4"	£14.42
cDPCD22006	3/8"	£13.83

#### UNVALVED

cDPC22004	1/4"	£7.90
cDPC22006	3/8"	£8.10

New Additions

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Puncture seal coupling</li> <li>Polypropylene &amp; polyethylene materials</li> <li>Puncture seal membrane</li> <li>CPC thumb latch</li> </ul>	<ul style="list-style-type: none"> <li>Easily breaks the puncture seal membrane</li> <li>Greater chemical resistance</li> <li>Eliminates shipping caps &amp; O-rings</li> <li>One hand connection &amp; disconnection</li> </ul>
SPECIFICATIONS	
Bodies	Polypropylene
Valve springs	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	EPDM
Working pressure	Coupling bodies 120 psi (8.3 bar)
Operating temperature	0°C to 71°C (32°F to 160°F)



Min. quantities may apply – please ask at time of ordering

## COUPLING BODIES



### IN-LINE – VALVED HOSE BARB

800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cPSD1700412	1/4"	6.4 mm	£19.49
cPSD1700612	3/8"	9.5 mm	£20.11

### UNVALVED

cPS 1700412	1/4"	6.4 mm	£17.79
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## CLOSURE



### SNAP-IN POLYETHYLENE

800

PART NUMBER	SIZE	PRICE
c496200	38 mm	£2.81



### THREADED POLYETHYLENE

800

PART NUMBER	SIZE	PRICE
cPSC38MM	38 mm	£2.36

### Do you also need?

ELDON JAMES

### Flexelene™ tubing



Find it on page 634, section ten

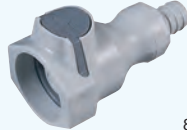
### Do you also need?

### PARKAIR® FEP, PTFE & PFA tube



Find it on page 670, section ten

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Universal 38 mm cap</li> <li>• Flush face valves</li> <li>• Integral terminations</li> <li>• Shrouded thumb latch</li> </ul>	<ul style="list-style-type: none"> <li>• Fits most manufacturers' fitment necks</li> <li>• Minimises spillage</li> <li>• Fewer leak points, shorter assemblies, faster installations</li> <li>• Protects against accidental disconnects</li> </ul>
SPECIFICATIONS	
CIP adaptor	Acetal
Coupling, body, valve, clip	Polypropylene
Cap	Acetal, polypropylene
Cap valve	Acetal
Standard seal material	Food grade EPDM, silicone, NBR
Springs	316 stainless steel body, 302 stainless steel cap
Working pressure	20" Hg vacuum to 15 psi (1 bar) body only
Operating temperature	0°C to 71°C (32°F to 160°F)


**COUPLING BODIES**


800

**IN-LINE – VALVED  
FDA SILICONE O-RING**

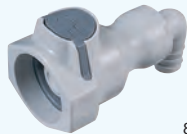
PART NUMBER	TUBE ID	METRIC EQ.	PRICE
c99000	3/8"	9.5 mm	£35.60
c95600	1/2"	12.7 mm	£36.11
c99100	5/8"	15.9 mm	£38.95
c99200	3/4"	19.0 mm	£35.94

**FDA NBR O-RING**

c98400	3/8"	9.5 mm	£38.12
c97600	1/2"	12.7 mm	£38.02
c97900	5/8"	15.9 mm	£38.97
c98600	3/4"	19.0 mm	£40.10

**FDA EPDM O-RING**

c98500	3/8"	9.5 mm	£34.35
c95300	1/2"	12.7 mm	£38.95
c98100	5/8"	15.9 mm	£36.30
c98700	3/4"	19.0 mm	£34.74



800

**ELBOW – VALVED  
FDA SILICONE O-RING**

PART NUMBER	TUBING SIZE	METRIC EQ.	PRICE
c99300	3/8"	9.5 mm	£34.93
c95400	1/2"	12.7 mm	£34.93

**FDA NBR O-RING**

c97800	3/8"	9.5 mm	£39.02
c97700	1/2"	12.7 mm	£41.86

**FDA EPDM O-RING**

c99400	3/8"	9.5 mm	£38.35
c95100	1/2"	12.7 mm	£37.36

**CAPS & ADAPTORS**


800

**UNIVERSAL CAP – ACETAL VALVED  
38 MM THREAD WITH THREAD SEAL**

PART NUMBER	O-RING	PRICE
c95801	FDA silicone	£9.23
c96401	FDA NBR	£9.23
c97401	FDA EPDM	£9.23

**38 MM THREAD WITHOUT THREAD SEAL**

c95800	FDA silicone	£8.30
c96400	FDA NBR	£8.77
c97400	FDA EPDM	£8.63



800

**STRAIGHT CLEAN-IN-PLACE ADAPTOR  
UNVALVED  
HOSE BARB – NO O-RING**

PART NUMBER	TUBE ID	PRICE
c96000	1/2"	£9.87

Disposable cap available  
Please ask for details

FEATURES		BENEFITS	
<ul style="list-style-type: none"> <li>• Factory installed quick disconnects</li> <li>• Hydrophobic packaging vent</li> <li>• Polyethylene foam gasket</li> <li>• Integral hose barb</li> </ul>		<ul style="list-style-type: none"> <li>• Ensures cap properly seals to bottle (even without sealing rings)</li> <li>• Encourages proper fluid handling protocol, allowing easy disconnection to replace or refill consumables in the correct location</li> <li>• Allows dispensing from container while preventing accidental spillage</li> <li>• Allows for mounting of 1/4" ID DIP tube</li> </ul>	
SPECIFICATIONS			
Temperature	0°C to 49°C (32°F to 120°F)		
Materials	Base cap – high density polyethylene Gasket – low density polyethylene Packaging vent – hydrophobic PTFE Quick disconnects – polypropylene, with 316 stainless steel springs & EPDM O-ring		
Colour	Blue		
FitQuick connector size	To suit 1/4" ID tubing		
DIP tube interface size	To suit 1/4" ID tubing		



## COUPLING BODIES



**QUICK DISCONNECT INTERFACE BOTTLE CAPS – POLYETHYLENE**

800

PART NUMBER	DIP TUBE ID	FITQUIK TUBE ID	PRICE
cBQ45GL1001	1/4"	1/4"	£50.29

## COUPLING INSERTS



**QUICK DISCONNECT INTERFACE BOTTLE CAPS – POLYETHYLENE**

800

PART NUMBER	DIP TUBE ID	FITQUIK TUBE ID	PRICE
cBQ45GL2001	1/4"	1/4"	£55.49



**INTEGRAL POLYPROPYLENE ELBOW FITTING BOTTLE CAPS – POLYETHYLENE**

800

PART NUMBER	DIP TUBE ID	FITQUIK TUBE ID	PRICE
cBQ45GL5001	1/4"	1/4"	£39.65

**Chemical Compatibility**  
 Request our chemical compatibility table, to help determine which coupling is best for your fluid handling application. Colder insists that all customers test & evaluate the suitability for use of Colder couplings in their particular application.

### Do you also need?



### Tube fittings

- Shrouded design eliminates barb breakage
- For tubing sizes ranging from 1/16"



Find it on pages 101 – 104, section two



**PANEL MOUNT APPLICATIONS**

Vacuum, pressure lines, fluid &amp; gases

**PANEL MOUNT SPECIFICATIONS**

Materials	Acetal
Nut	Nickel plated brass

**PANEL MOUNT  
STRAIGHT – 1/2" PANEL OPENING**


800

PART NUMBER	TUBE ID	METRIC EQ.	PRICE
cBHU 22-02	1/8" x 1/8"	3.2 x 3.2 mm	£5.20
cBHU 22-04	1/4" x 1/4"	6.4 x 6.4 mm	£5.63
cBHU 22-06	3/8" x 3/8"	9.5 x 9.5 mm	£5.51

**10-32 UNF PORTED MANIFOLDS  
WITH 1/8" NPT END PORT**


800

PART NUMBER	SIDE PORTS	END PORTS	PRICE
c32M5	5	1	£76.00

**1/8" NPT PORTED MANIFOLDS  
WITH 1/8" NPT END PORT**

c2M3	3	1	£62.20
c2M4	4	1	£67.21
c2M5	5	1	£92.76

**1/4" NPT PORTED MANIFOLDS  
WITH 1/4" NPT END PORT**

c4M3	3	2	£102.13
c4M4	4	2	£95.95
c4M5	5	2	£124.75

**DUST CAPS & PLUGS  
BODY PLUGS**


800

PART NUMBER	SERIES	CONNECTION	PRICE
cPMC31	MC, PMC	Non-sealing	£0.43
cPLC310	LC, PLC	Non-sealing	£0.40
cPMC30	PMC	Pressure sealing	£3.75
cPLC300	PLC	Pressure sealing	£3.66
cHFC312L	HFC, FFC – c/w leash	Non-sealing	£3.11

**INSERT CAPS**

cPMC32	MC, PMC	Non-sealing	£0.40
cPLC320	LC, PLC, APC, EFC	Non-sealing	£0.41

Special application or shipping requirements demand a plug to prevent material from entering the bore of the coupling body or insert cap, to protect the exposed coupling insert end

**DUST CAPS & PLUGS  
C/W LEASH**


800

PART NUMBER	SERIES	CONNECTION	PRICE
cHFC312L	HFC, FFC	Non-sealing	£3.11

**INSERT SEALS  
NBR**


800

PART NUMBER	SERIES	PRICE
c730800	MC, PMC	£0.46
c731100	LC, PLC, EFC, NS4, APC, TwinTube large, EPDM	£0.46
c730600	SMC, TwinTube – small	£0.55
c731600	HFC, FFC	£1.45

**EPDM**

c730803	MC, PMC	£1.38
c731103	LC, PLC, EFC, NS4, APC, TwinTube large	£1.43
c730603	SMC, TwinTube – small	£1.56
c731603	HFC, FFC	£1.37

**FLUOROCARBON**

c730804	MC, PMC	£1.38
c731104	LC, PLC, EFC, NS4, APC, TwinTube large	£1.38
c730604	SMC, TwinTube – small	£1.48
c731604	HFC, FFC	£1.73

**FERRULESS POLYTUBE FITTING NUTS**


800

PART NUMBER	TUBE OD	PRICE
c100800	1/4"	£3.32
c108900	3/8"	£4.86
c269700	5/32" / 4 mm	£2.16
c339500	8 mm	£2.87
c358400	10 mm	£3.26

PTF nuts are designed for semi-rigid tubing i.e. polyethylene, nylon, polyurethane, etc.

**PANEL MOUNT NUTS  
SMC, SRC SERIES**


800

PART NUMBER	MATERIAL	THREAD SIZE	PRICE
c404300	Nickel plated brass	7/16-24 UNS	£0.88

**MC, PMC, PMC12 SERIES**

c100900	Nickel plated brass	1/2-24 UNS	£1.10
c664400	Acetal	1/2-24 UNS	£1.57
c100901	Stainless steel	1/2-24 UNS	£10.35

**LC, PLC, PLC12, APC, EFC, NS2 SERIES**

c120700	Nickel plated brass	11/16-24 UNEF	£1.56
c520300	Acetal	11/16-24 UNEF	£2.47
c120701	Stainless steel	11/16-24 UNEF	£12.70

**HFC SERIES**

c3303500	Polypropylene	-	£4.18
c694300	Polysulfone	-	£4.95

**FEATURES**

- Made with parting line-free hose barbs

**SPECIFICATIONS**

Materials	Natural polypropylene White nylon (black nylon, PC & PVDF also available) Acetal (screw-type blood pressure connector) Stainless steel (panel nut)
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## THREAD TO TUBE

### STRAIGHT – TAPERED UNF MALE POLYPROPYLENE



896

PART NUMBER	THREAD	TUBE ID	PRICE
cXMS2	10-32 UNF	1/16"	£0.47
cXMS3	10-32 UNF	3/32"	£0.51
cXMS4	10-32 UNF	1/8"	£0.47
cXMS5	10-32 UNF	5/32"	£0.54

**NYLON**

cXMS230	10-32 UNF	1/16"	£0.47
cXMS330	10-32 UNF	3/32"	£0.51
cXMS430	10-32 UNF	1/8"	£0.50
cXMS530	10-32 UNF	5/32"	£0.47

### STRAIGHT – UNF MALE POLYPROPYLENE



896

PART NUMBER	THREAD	TUBE ID	PRICE
cXKS2	1/4-28 UNF	1/16"	£0.94
cXKS3	1/4-28 UNF	3/32"	£0.90
cXKS4	1/4-28 UNF	1/8"	£0.90
cXKS5	1/4-28 UNF	5/32"	£0.95

**NYLON**

cXKS230	1/4-28 UNF	1/16"	£0.89
cXKS330	1/4-28 UNF	3/32"	£0.91
cXKS430	1/4-28 UNF	1/8"	£0.90
cXKS530	1/4-28 UNF	5/32"	£0.98

### STRAIGHT – NPT MALE POLYPROPYLENE



896

PART NUMBER	THREAD	TUBE ID	PRICE
cXN2S2	1/16" NPT	1/16"	£0.96
cXN2S3	1/16" NPT	3/32"	£1.03
cXN2S4	1/16" NPT	1/8"	£1.00
cXN2S5	1/16" NPT	5/32"	£1.09
cXN4S2	1/8" NPT	1/16"	£1.22
cXN4S3	1/8" NPT	3/32"	£1.18
cXN4S4	1/8" NPT	1/8"	£1.26
cXN4S5	1/8" NPT	5/32"	£1.38
cXN4S6	1/8" NPT	3/16"	£1.39
cXN4S8	1/8" NPT	1/4"	£1.45
cXN8S4	1/4" NPT	1/8"	£1.66
cXN8S5	1/4" NPT	5/32"	£1.65
cXN8S6	1/4" NPT	3/16"	£1.64
cXN8S8	1/4" NPT	1/4"	£2.04
cXN8S10	1/4" NPT	5/16"	£2.25
cXN8S12	1/4" NPT	3/8"	£2.16

**NYLON**

cXN2S230	1/16" NPT	1/16"	£0.92
cXN2S330	1/16" NPT	3/32"	£1.04
cXN2S530	1/16" NPT	5/32"	£1.12
cXN4S230	1/8" NPT	1/16"	£1.24
cXN4S330	1/8" NPT	3/32"	£1.19
cXN4S430	1/8" NPT	1/8"	£1.21
cXN4S530	1/8" NPT	5/32"	£1.44
cXN4S630	1/8" NPT	3/16"	£1.36
cXN4S830	1/8" NPT	1/4"	£1.33
cXN8S430	1/4" NPT	1/8"	£1.70
cXN8S530	1/4" NPT	5/32"	£1.73
cXN8S630	1/4" NPT	3/16"	£1.72
cXN8S830	1/4" NPT	1/4"	£2.09
cXN8S1030	1/4" NPT	5/16"	£2.19
cXN8S1230	1/4" NPT	3/8"	£2.06

### ELBOW – TAPERED UNF MALE POLYPROPYLENE



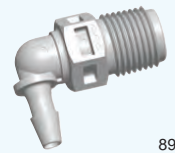
896

PART NUMBER	THREAD	TUBE ID	PRICE
cXME2	10-32 UNF	1/16"	£0.92
cXME3	10-32 UNF	3/32"	£0.94
cXME4	10-32 UNF	1/8"	£0.98
cXME5	10-32 UNF	5/32"	£1.20

**NYLON**

cXME230	10-32 UNF	1/16"	£0.92
cXME330	10-32 UNF	3/32"	£0.96
cXME430	10-32 UNF	1/8"	£0.80
cXME530	10-32 UNF	5/32"	£1.14

### ELBOW – NPT MALE POLYPROPYLENE



896

PART NUMBER	THREAD	TUBE ID	PRICE
cXN4E4	1/8" NPT	1/8"	£1.72
cXN4E6	1/8" NPT	3/16"	£1.91
cXN4E8	1/8" NPT	1/4"	£2.11
cXN8E8	1/4" NPT	1/4"	£2.32
cXN8E12	1/4" NPT	3/8"	£2.38

**NYLON**

cXN4E430	1/8" NPT	1/8"	£1.52
cXN4E630	1/8" NPT	3/16"	£1.55
cXN4E830	1/8" NPT	1/4"	£1.87
cXN8E830	1/4" NPT	1/4"	£2.61
cXN8E1230	1/4" NPT	3/8"	£2.39

All 1/16" hose barb fittings on this page are supplied with shroud

THREAD TO TUBE



TEE – TAPERED UNF MALE  
POLYPROPYLENE

896

PART NUMBER	THREAD	TUBE ID	PRICE
cXMT2	10-32 UNF	1/16"	£1.13
cXMT3	10-32 UNF	3/32"	£1.13
cXMT4	10-32 UNF	1/8"	£1.23
cXMT5	10-32 UNF	5/32"	£1.25

NYLON

cXMT230	10-32 UNF	1/16"	£1.17
cXMT330	10-32 UNF	3/32"	£1.06
cXMT430	10-32 UNF	1/8"	£1.16
cXMT530	10-32 UNF	5/32"	£1.28

THREAD TO THREAD



NIPPLE – TAPERED UNF MALE  
POLYPROPYLENE

896

PART NUMBER	THREAD	PRICE
cXN32	10-32 UNF	£0.59

THREADED PLUGS



PLUGS – TAPERED UNF MALE  
POLYPROPYLENE

896

PART NUMBER	THREAD	PRICE
cXMP	10-32 UNF	£0.50

NYLON

cXMP30	10-32 UNF	£0.52
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PLUGS – NPT MALE  
POLYPROPYLENE



896

PART NUMBER	THREAD	PRICE
cXN2P	1/16" NPT	£0.81
cXN4P	1/8" NPT	£0.81
cXN8P	1/4" NPT	£1.41

NYLON

cXN2P30	1/16" NPT	£0.79
cXN4P30	1/8" NPT	£0.80
cXN8P30	1/4" NPT	£1.46

All 1/16" hose barb fittings on this page are supplied with shroud

TUBE TO TUBE



STRAIGHT  
POLYPROPYLENE

896

PART NUMBER	TUBE ID	PRICE
cXHS2	1/16"	£0.76
cXHS3	3/32"	£0.74
cXHS4	1/8"	£0.73
cXHS5	5/32"	£0.85
cXHS6	3/16"	£1.07
cXHS8	1/4"	£1.10
cXHS12	3/8"	£1.53

NYLON

cXHS230	1/16"	£0.73
cXHS330	3/32"	£0.76
cXHS430	1/8"	£0.76
cXHS530	5/32"	£0.87
cXHS630	3/16"	£0.98
cXHS830	1/4"	£1.16
cXHS1230	3/8"	£1.59

ELBOW  
POLYPROPYLENE



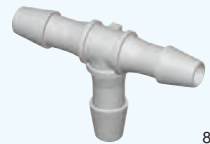
896

PART NUMBER	TUBE ID	PRICE
cXHE2	1/16"	£0.90
cXHE3	3/32"	£0.89
cXHE4	1/8"	£0.90
cXHE5	5/32"	£1.46
cXHE6	3/16"	£1.59
cXHE8	1/4"	£1.80
cXHE12	3/8"	£1.90

NYLON

cXHE230	1/16"	£0.87
cXHE330	3/32"	£0.82
cXHE430	1/8"	£0.85
cXHE530	5/32"	£1.22
cXHE630	3/16"	£1.47
cXHE830	1/4"	£1.49
cXHE1230	3/8"	£1.76

TEE  
POLYPROPYLENE



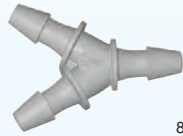
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PART NUMBER	TUBE ID	PRICE
cXHT2	1/16"	£0.90
cXHT3	3/32"	£0.86
cXHT4	1/8"	£0.93
cXHT5	5/32"	£1.31
cXHT6	3/16"	£1.35
cXHT8	1/4"	£1.72
cXHT12	3/8"	£1.90

NYLON

cXHT230	1/16"	£0.88
cXHT330	3/32"	£0.86
cXHT430	1/8"	£0.87
cXHT530	5/32"	£1.24
cXHT630	3/16"	£1.29
cXHT830	1/4"	£1.50
cXHT1230	3/8"	£1.85

TUBE TO TUBE



896

**Y**  
**POLYPROPYLENE**

PART NUMBER	TUBE ID	PRICE
cXHY2	1/16"	£0.86
cXHY3	3/32"	£0.87
cXHY4	1/8"	£0.93
cXHY5	5/32"	£1.26
cXHY6	3/16"	£1.50
cXHY8	1/4"	£1.78
cXHY12	3/8"	£1.90

**NYLON**

cXHY230	1/16"	£0.81
cXHY330	3/32"	£0.79
cXHY430	1/8"	£0.86
cXHY530	5/32"	£1.23
cXHY630	3/16"	£1.37
cXHY830	1/4"	£1.53
cXHY1230	3/8"	£1.88



896

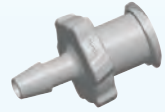
**STRAIGHT REDUCER**  
**POLYPROPYLENE**

PART NUMBER	TUBE ID	TUBE ID	PRICE
cXHSR32	3/32"	1/16"	£0.71
cXHSR42	1/8"	1/16"	£0.71
cXHSR43	1/8"	3/32"	£0.74
cXHSR52	5/32"	1/16"	£0.81
cXHSR53	5/32"	3/32"	£0.76
cXHSR54	5/32"	1/8"	£0.78
cXHSR62	3/16"	1/16"	£0.94
cXHSR63	3/16"	3/32"	£0.93
cXHSR64	3/16"	1/8"	£0.92
cXHSR65	3/16"	5/32"	£1.03
cXHSR84	1/4"	1/8"	£0.92
cXHSR85	1/4"	5/32"	£0.99
cXHSR86	1/4"	3/16"	£1.11
cXHSR128	3/8"	1/4"	£1.34

**NYLON**

cXHSR3230	3/32"	1/16"	£0.71
cXHSR4230	1/8"	1/16"	£0.76
cXHSR4330	1/8"	3/32"	£0.76
cXHSR5230	5/32"	1/16"	£0.79
cXHSR5330	5/32"	3/32"	£0.82
cXHSR5430	5/32"	1/8"	£0.73
cXHSR6230	3/16"	1/16"	£0.97
cXHSR6330	3/16"	3/32"	£0.95
cXHSR6430	3/16"	1/8"	£0.97
cXHSR6530	3/16"	5/32"	£1.05
cXHSR8430	1/4"	1/8"	£0.98
cXHSR8530	1/4"	5/32"	£0.97
cXHSR8630	1/4"	3/16"	£1.17
cXHSR12830	3/8"	1/4"	£1.38

LUERS



898

**FEMALE LUER**  
**POLYPROPYLENE**

PART NUMBER	TUBE ID	PRICE
cXLF21	1/16"	£0.58
cXLF31	3/32"	£0.59
cXLF41	1/8"	£0.52
cXLF51	5/32"	£0.70
cXLF61	3/16"	£0.69

**NYLON**

cXLF2130	1/16"	£0.54
cXLF3130	3/32"	£0.55
cXLF4130	1/8"	£0.56
cXLF5130	5/32"	£0.63
cXLF6130	3/16"	£0.71



898

**MALE LUER**  
**POLYPROPYLENE**

PART NUMBER	TUBE ID	PRICE
cXLM21	1/16"	£0.66
cXLM31	3/32"	£0.66
cXLM41	1/8"	£0.62
cXLM51	5/32"	£0.75
cXLM61	3/16"	£0.80

**NYLON**

cXLM2130	1/16"	£0.66
cXLM3130	3/32"	£0.61
cXLM4130	1/8"	£0.61
cXLM5130	5/32"	£0.71
cXLM6130	3/16"	£0.72



898

**MALE SLIP LUER**  
**POLYPROPYLENE**

PART NUMBER	TUBE ID	PRICE
cXSML21	1/16"	£0.47
cXSML31	3/32"	£0.49
cXSML41	1/8"	£0.48
cXSML51	5/32"	£0.54
cXSML61	3/16"	£0.49

**NYLON**

cXSML2130	1/16"	£0.48
cXSML3130	3/32"	£0.48
cXSML4130	1/8"	£0.46
cXSML5130	5/32"	£0.46
cXSML6130	3/16"	£0.50

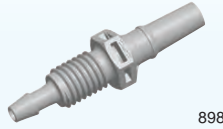
**Colours**

Nylon fittings & accessories also available in black. Minimum order quantities do apply. Please contact your distributor for more details.

All 1/16" hose barb fittings on this page are supplied with shroud

LUERS

PANEL MOUNT MALE LUER  
POLYPROPYLENE



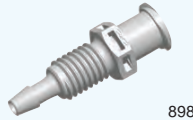
898

PART NUMBER	TUBE ID	PRICE
cXPMLM21	1/16"	£1.42
cXPMLM31	3/32"	£1.64
cXPMLM41	1/8"	£1.42

NYLON

cXPMLM2130	1/16"	£1.49
cXPMLM3130	3/32"	£1.51
cXPMLM4130	1/8"	£1.50

PANEL MOUNT FEMALE LUER  
POLYPROPYLENE



898

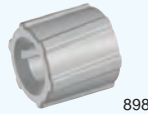
PART NUMBER	TUBE ID	PRICE
cXPMLF21	1/16"	£0.78
cXPMLF31	3/32"	£0.75
cXPMLF41	1/8"	£0.75

NYLON

cXPMLF2130	1/16"	£0.76
cXPMLF3130	3/32"	£0.75
cXPMLF4130	1/8"	£0.70

LUER ACCESSORIES

ROTATING LUER LOCKING RINGS  
POLYPROPYLENE



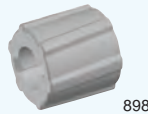
898

PART NUMBER	COLOUR	PRICE
cXLMSR	Natural	£0.60

NYLON

cXLMSR30	White	£0.58
cXLMSR31	Black	£0.61
cXLMSR32	Yellow	£0.65
cXLMSR33	Blue	£0.58
cXLMSR34	Red	£0.58
cXLMSR35	Green	£0.63
cXLMSR36	Orange	£0.65

NON-ROTATING  
LOCKING LUER RINGS  
POLYPROPYLENE



898

PART NUMBER	COLOUR	PRICE
cXLMSL	Natural	£0.63

NYLON

cXLMSL30	White	£0.60
cXLMSL31	Black	£0.62
cXLMSL32	Yellow	£0.57
cXLMSL33	Blue	£0.60
cXLMSL34	Red	£0.61
cXLMSL35	Green	£0.57
cXLMSL36	Orange	£0.55

LUER ACCESSORIES

LUER CAPS  
POLYPROPYLENE



898

PART NUMBER	DESCRIPTION	PRICE
cXLCAP	Luer cap	£0.50

NYLON

cXLCAP30	Luer cap	£0.61
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PANEL NUT  
STAINLESS STEEL



898

PART NUMBER	THREAD	PRICE
cXPMNUTSST	1/4-28 UNF	£0.65

COLOUR CODED RINGS  
POLYPROPYLENE



898

PART NUMBER	COLOUR	PRICE
cXPMRL	Natural	£0.58

NYLON

cXPMRL30	White	£0.63
cXPMRL31	Black	£0.62
cXPMRL32	Yellow	£0.60
cXPMRL33	Blue	£0.61
cXPMRL34	Red	£0.59
cXPMRL35	Green	£0.60
cXPMRL36	Orange	£0.63

BLOOD PRESSURE CONNECTORS

BAYONET MALE  
NYLON



897

PART NUMBER	TUBE ID	PRICE
cXBC330	3/32"	£0.54
cXBC430	1/8"	£0.38
cXBC530	5/32"	£0.40
cXBC630	3/16"	£0.56

BAYONET FEMALE  
NYLON



897

PART NUMBER	TUBE ID	PRICE
cXBCF497	1/8"	£13.04
cXBCF597	5/32"	£12.98

All 1/16" hose barb fittings on this page are supplied with shroud

CHECK VALVES



DESCRIPTION

Check valves are moulded in virgin materials only. Our disc based check valves utilise a free floating design & can be used in any position with an immediate response to change in pressure or flow.



STANDARD CHECK VALVE  
NATURAL NYLON SILICONE

2310

PART NUMBER	TUBE ID	PRICE
CV-1/8-NYS	1/8"	£2.81
CV-3/16-NYS	3/16"	£2.84
CV-1/4-NYS	1/4"	£2.92
CV-3/8-NYS	3/8"	£3.11



STANDARD CHECK VALVE  
NATURAL NYLON NEOPRENE

2310

PART NUMBER	TUBE ID	PRICE
CV-1/8-NYN	1/8"	£2.79
CV-3/16-NYN	3/16"	£2.91
CV-1/4-NYN	1/4"	£2.99
CV-3/8-NYN	3/8"	£3.14

STANDARD CHECK VALVE  
NATURAL KYNAR FKM

2310

PART NUMBER	TUBE ID	PRICE
CV-1/8-KAS	1/8"	£6.17
CV-3/16-KAS	3/16"	£6.34
CV-1/4-KAS	1/4"	£6.80
CV-3/8-KAS	3/8"	£7.62



STANDARD CHECK VALVE  
NATURAL POLYCARBONATE SILICONE

2310

PART NUMBER	TUBE ID	PRICE
CV-1/8-PCS	1/8"	£3.24
CV-3/16-PCS	3/16"	£3.22
CV-1/4-PCS	1/4"	£3.29
CV-3/8-PCS	3/8"	£3.50

STANDARD CHECK VALVE  
NATURAL POLYPROPYLENE FKM

2310

PART NUMBER	TUBE ID	PRICE
CV-1/8-PPV	1/8"	£3.29
CV-3/16-PPV	3/16"	£3.31
CV-1/4-PPV	1/4"	£3.35
CV-3/8-PPV	3/8"	£3.48

HDPE IN-LINE FILTERS



DESCRIPTION

In-line filters are moulded in virgin materials only & are designed for removing most visible particulate in aqueous solutions. Standard materials are natural nylon, natural polypropylene, & clear polycarbonate. Non-standard materials & configurations are available on request.



HDPE IN-LINE FILTER  
NATURAL POLYPROPYLENE

2310

PART NUMBER	TUBE ID	FILTRATION	PRICE
ILF-1/8-PP4590	1/8"	45 – 90 micron	£3.78
ILF-1/8-PP90130	1/8"	90 – 130 micron	£3.71
ILF-3/16-PP4590	3/16"	45 – 90 micron	£3.68
ILF-3/16-PP90130	3/16"	90 – 130 micron	£3.73
ILF-1/4-PP4590	1/4"	45 – 90 micron	£3.77
ILF-1/4-PP90130	1/4"	90 – 130 micron	£3.84
ILF-3/8-PP4590	3/8"	45 – 90 micron	£3.84
ILF-3/8-PP90130	3/8"	90 – 130 micron	£3.91



HDPE IN-LINE FILTER  
NATURAL NYLON

2310

PART NUMBER	TUBE ID	FILTRATION	PRICE
ILF-1/8-NY4590	1/8"	45 – 90 micron	£3.71
ILF-1/8-NY90130	1/8"	90 – 130 micron	£3.64
ILF-3/16-NY4590	3/16"	45 – 90 micron	£3.46
ILF-3/16-NY90130	3/16"	90 – 130 micron	£3.56
ILF-1/4-NY4590	1/4"	45 – 90 micron	£3.74
ILF-1/4-NY90130	1/4"	90 – 130 micron	£3.82
ILF-3/8-NY4590	3/8"	45 – 90 micron	£3.87
ILF-3/8-NY90130	3/8"	90 – 130 micron	£3.94

HDPE IN-LINE FILTER  
NATURAL POLYCARBONATE

2310

PART NUMBER	TUBE ID	FILTRATION	PRICE
ILF-1/8-PC4590	1/8"	45 – 90 micron	£3.92
ILF-1/8-PC90130	1/8"	90 – 130 micron	£3.85
ILF-3/16-PC4590	3/16"	45 – 90 micron	£3.58
ILF-3/16-PC90130	3/16"	90 – 130 micron	£3.67
ILF-1/4-PC4590	1/4"	45 – 90 micron	£3.90
ILF-1/4-PC90130	1/4"	90 – 130 micron	£3.97
ILF-3/8-PC4590	3/8"	45 – 90 micron	£3.13
ILF-3/8-PC90130	3/8"	90 – 130 micron	£4.08

Most CPC products on the previous pages can be supplied with the modifications listed, subject to a minimum quantity of 100 pieces per modified product & a net cost of £450 per product. Smaller quantities can be quoted separately based on bag quantities with a setup charge.

Some of the more popular combinations, such as PLCD in-line couplings & inserts with FKM seals are carried as stock items, in which case there would be no minimum order requirement.

Please contact your distributor to check if this is applicable to your modification.

\*Dyeing of couplings is offered as a convenient method of colour coding acetal products in smaller quantities. Dyed couplings vary in colour & consistency, & the colourant may leach from the coupling if used with a liquid medium. **For applications requiring a consistent & stable colourant, contact your distributor for 'moulded colour' applications.** Minimum quantity for moulded coloured products applies.

**ADDITIONS – PLEASE CONTACT YOUR DISTRIBUTOR FOR COSTS**  
**NOTE: THERE ARE NO RETURNS ON MODIFIED PRODUCTS**

DESCRIPTION
<b>SEAL CHANGES IN STANDARD COUPLINGS</b>
Fluorocarbon (V), EPDM (EPR), NBR (BN) – PRICE per seal
Food Grade NBR (FBN) & Food Grade EPDM (FEP) – PRICE per seal
<i>Non-valved body: no seal</i>
<i>Valved body: 1 seal</i>
<i>Non-valved insert: 1 seal</i>
<i>Valved insert: 2 seals</i>
<i>Twintube™ insert: 2 seals</i>
Tentube™ assembly (V, EPR & BN only)
Kalrez seals (LC, MC, PLC, PMC, APC, EFC) – PRICE per seal
Kalrez seals (other series) – PRICE per seal
Hastelloy C (HC) valve spring charge
FKM seals (NS1, NS2, NS4, NS6) – PRICE per coupling half
FKM seals (NSH) – PRICE per coupling half

**ADDITIONS – PLEASE CONTACT YOUR DISTRIBUTOR FOR COSTS**  
**NOTE: THERE ARE NO RETURNS ON MODIFIED PRODUCTS**

DESCRIPTION
<b>PANEL NUT MATERIAL CHANGE (STANDARD – NICKEL PLATED BRASS)</b>
Acetal (MC, LC, EFC sizes)
Stainless steel (MC sizes)
Stainless steel (LC, EFC sizes)
<b>PANEL &amp; PTF NUT ASSEMBLED ONTO COUPLING (NA)</b>
Product with one nut
Product with two nuts
<b>OTHER MODIFICATIONS</b>
High temp. valve (HT) for chrome plated brass couplings (chrome plated brass valve, fluorocarbon seal)
Colour dyeing of standard acetal couplings* – PRICE per part
Exclusion of body thumb latch assembly (NC) – (except panel mount, see multiple mount section)
Exclusion of valve assembly (PMCX, PLCX, APCX, EFCX & HFCX)

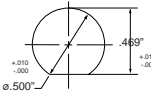
Modified parts are subject to CPC approval & order acceptance.

**PANEL MOUNT OPENING DIMENSIONS & SPECIFICATIONS**

**PMC Series**

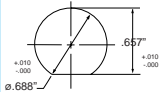
GREENLEE® punch number 60077

Greenlee is a registered trademark of Greenlee Textron, Inc.



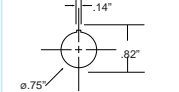
**APC Series**

Max. panel thickness: 1/2"  
 Min. panel thickness: 0.02"



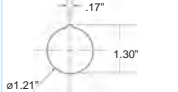
**EFC Series**

Gasket thickness: .06"  
 Mounting hole: .720" dia.  
 Coupling spacing: 1.25" min.  
 Greenlee 720 keyway punch & 730BB-3/4 hole punch.



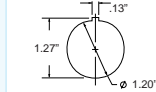
**HFC Series**

Gasket thickness: .06"  
 Mounting hole: 1.21" dia.  
 Coupling spacing: 1.62" min.  
 Panel thickness: 1/4"



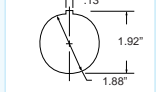
**Sixtube Series**

Panel thickness: 1/8"  
 Diameter hole: 1.2"



**Tentube Series**

Panel thickness: 7/16"  
 Diameter hole: 1.875"



**PANEL MOUNT SPECIFICATIONS**

	PANEL OPENING	MAX. OPENING THICKNESS	MIN. OPENING THICKNESS
<b>SMC Series</b> Coupling Bodies & Inserts	7/16	0.21	0.03
<b>PMC Series</b> Coupling Bodies	see sketch	0.50	0.05
Coupling Inserts	1/2	0.30	0.05
<b>PMC12 Series</b> Coupling Bodies	1/2	0.50	0.05
<b>MC Series</b> Coupling Bodies (except male thread)	1/2	0.50	0.05
Coupling Bodies (male thread only)	1/2	0.21	0.05
Coupling Inserts	1/2	0.30	0.05
<b>APC Series</b> Coupling Bodies	see sketch	0.50	0.02
Coupling Inserts	11/16	0.30	0.02
<b>PLC12 Series</b> Coupling Bodies	11/16	0.50	0.02
Coupling Inserts	11/16	0.30	0.02
<b>LC Series</b> Coupling Bodies & Inserts	11/16	0.50	0.05
<b>LC SST Series</b> Coupling Bodies	3/4	0.65	0.05
<b>EFC Series</b> Coupling Bodies & Inserts	23/32	0.50	0.00

**PANEL MOUNT SPECIFICATIONS**

	PANEL OPENING	MAX. OPENING THICKNESS	MIN. OPENING THICKNESS
<b>NSH Series</b> Adaptor Kit	2	0.50	0.13
<b>HFC12 / 35 / 57 Series</b> Coupling Bodies	see sketch	0.25	0.00
<b>FFC 35 Series</b> Coupling Bodies	1.21	0.25	0.00
<b>Twin Tube Series</b> Coupling Bodies – Acetal	0.69	0.50	0.05
Coupling Bodies – ABS	0.69	0.30	0.02
<b>TenTube Series</b> Adaptor	1.88	0.44	0.06
<b>Multi Mount Series – 1/8" Flow</b> Multi Mount Bodies	1/2	0.50	0.05
<b>Multi Mount Series – 1/4" Flow</b> Multi Mount Bodies	11/16	0.50	0.02
<b>Keyed Colour Coded Series</b> Coupling Bodies	1/2	0.50	0.02
<b>Tube Fittings</b> Union	1/2	0.25	0.05
<b>NS4 Series</b> Coupling Inserts	15/16	0.25	0.03
<b>NS6 Series</b> Coupling Inserts	1.1/4	0.25	0.03

The type of media flowing through a connection can affect the strength, surface appearance, colour, & performance of the connection. Some guidelines for the different types of material:

## THERMOPLASTICS

**Acetal** Strong, lightweight, economical, & used for a wide variety of chemical & mechanical components. Acetal offers high strength & rigidity over a broad temperature range, low wear, toughness, & resistance to repeated use.

**ABS** Economical medical grade thermoplastic that withstands gamma & e-beam sterilisation. It is commonly used in medical devices. ABS is an amorphous material with good physical properties & high resistance to chemical attack.

**Polyamide (Nylon)** Very resistant to wear & abrasion, good mechanical properties even at elevated temperatures, low permeability to gases & good chemical resistance.

**Polysulfone** Rigid material with excellent strength, good chemical resistance, withstands repeated sterilisation, & higher temperatures than other thermoplastics. High hydrolytic stability allows its use in medical applications requiring autoclave & steam sterilisation.

**Polycarbonate** Resistant to some chemicals, withstands sterilisation & is transparent. It is commonly used in medical devices & offers impact resistance, outstanding dimensional stability & good optical properties.

**Polypropylene** Excellent general purpose resin that is highly resistant to chemical attack from solvents & chemicals in harsh environments. In general, polypropylene is resistant to environmental stress cracking, & it can be exposed to challenging environments.

**Polyethylene** Low cost, chemically resistant thermoplastic. It is opaque & can withstand reasonably high temperature. Polyethylene, unlike polypropylene, cannot withstand normally required autoclaving conditions.

**PEEK (Polyetheretherketon)** Highly temperature resistant, engineered thermoplastic with excellent chemical & fatigue resistance. It exhibits superior mechanical & electrical properties.

**PPS (Polyethylene Sulfide)** Broadest resistance to chemicals for its market as an advanced engineering plastic. (PEEK & PTFE have better resistance, but are not considered engineering resins.)

## FLUOROPOLYMERS

**PVDF** Tough engineering thermoplastic with a balance of physical & chemical properties that qualify it for high performance in a wide range of applications. It is mechanically strong & tough, has good ductility, & has a broad, useful temperature range.

**PTFE** Chemically resistant to all chemicals & solvents with the exception of some molten metals, molten sodium hydroxide, elemental fluorine, & certain fluorinating agents. PTFE offers chemical resistance & stability at high temperature.

## ALLOYS

**Chrome plated brass** Rugged metallic material with an attractive appearance, chrome plated brass is excellent for higher pressure & temperature.

**Die-cast zinc** Durable & lightweight (about 20% less than comparable brass) material that withstands high pressure & temperature.

**Aluminium** Lightweight metal with an available hard anodised finish for durability. Aluminium is non-toxic, non-magnetic & non-sparking & is known for its high strength to weight ratio.

## O-RING SELECTION

**NBR (Buna-N)** A common material for o-rings with a temperature range of -4°C to 121°C (-30°F to 250°F).

**FKM** Well known for its outstanding resistance to heat, oxidation, weathering, & ozone. The temperature range is -26°C to 204°C (-15°F to 400°F).

**EPDM** Ethylene-propylene-diene rubber (EPDM, also sometimes referred to as EPR) is a chemically resistant family of compounds. Colder uses high quality peroxide cured EPDMs that provide exceptional resistance to temperatures with a wide range of chemicals.

**FFKM (Chemraz<sup>®</sup>, Simriz<sup>®</sup>, Kalrez<sup>®</sup>)** Broadest range of chemical resistance of any elastomeric material, combining the resilience & sealing force of an elastomer with chemical resistance approaching that of PTFE.

**PFA & FEP** Encapsulated seals combine the resiliency of the elastomer with the superior chemical resistance of the fluoropolymer to achieve a seal that is lower cost than a pure fluoroelastomer FFKM seal.

**Food grade** Commonly used when food, beverages or potable water is going through the coupling.

**Silicone** Seals have good temperature resistance. The temperature range is -57°C to +204°C (-70°F to +400°F) with special compounds that can reach 79°C to 232°C (175°F to 450°F). Silicone can also be supplied with Class VI requirements for life sciences applications.

## INTERPRETATION OF TEST DATA

### WARNING:

The compatibility data was assembled from 3 main sources: a) the Chemical Resistance Guides published by COMPASS PUBLICATIONS<sup>®</sup>, b) the Chemical Resistance guide published by VICTREX, the manufacturer of PEEK<sup>™</sup> & c) the Entegris Chemical Compatibility Chart. The table is to be used as a general guide only. Colder Products Company is not responsible for the accuracy of this data & assumes no obligation of liability in connection with its use. **Therefore, CPC insists that all customers test & evaluate the suitability for use of CPC couplings in their particular application before using the couplings.**

### NOTES:

\* PVDF may discolour after prolonged exposure in Potassium Hydroxide.

\* Polypropylene may discolour after prolonged exposure in Sulphuric Acid.

Viton<sup>®</sup> is a registered trademark of Dupont Dow Elastomers, PEEK<sup>™</sup> is a trademark of Victrex USA, Inc, Halar<sup>®</sup> is a registered trademark of Ausimont, Chemraz<sup>®</sup> is a registered trademark of Green Tweed.