

10PP SERIES

TUBING SIZE 1/16" - 1/8" | 1/16" FLOW POLYPROPYLENE



See our
website for
Solid Models

SMALL FLOW WITH STRONG CHEMICAL RESISTANCE

10PP couplings are produced from medical grade, gamma sterilizable polypropylene. These twist lock couplings offer greater chemical resistance. They are intuitive to use and make an audible "click" when coupled with their improved "Easy Grip Barrel." 10PP couplings interconnect with 10AC couplings as well as other similar industry twist lock type couplings.

PERFORMANCE RATINGS

- Operating Pressure: Vacuum to 100psi; (6.9bar)
- Temperature: 32°F to 160°F; (0°C to 71°C)
- Flow Capacity: 1/16" Size

MATERIALS & CONSTRUCTION

- Bodies & Terminations: Medical Grade Polypropylene
- O-rings: Peroxide-cured EPDM (others available)
- Lock Sleeve: Acetal (POM)

Please contact
us for cleanroom
produced versions.

Interchangeable with
CPC® Colder SMC12 Series



*Illustrations are actual size of product.

Reference Dimensions: L = Length, W = Width, H = Height

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	.438"	.21"	0.03"
PLUGS	.438"	.21"	0.03"

PANEL NUT HEX SIZE	PANEL NUT THREAD
1/2"	7/16" - 24 UNF

PART NUMBER GUIDE EXAMPLE:

10 PP - S 2 - 02

FLOW SIZE OR LATCH TYPE MATERIAL NO VALVE CONFIG. AND O-RING TYPE CONNECTION SIZE

Flow Rates

The data below shows the liquid flow rates for LinkTech couplings. Each coupling combination was tested at 70° F (21°C).

Specific coupling combination flow rates can be determined by using this formula:

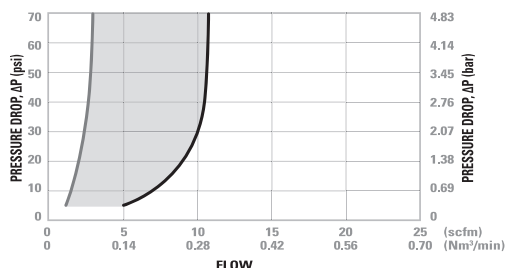
$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q = Flow rate in gallons per minute
C_v = Average flow rates (see chart)
ΔP = Pressure drop across coupling (psi)
S = Specific gravity of liquid.

C_v Values for 10PP Series Couplings

SOCKETS	10PP-PE2-01	10PP-PE2-02	10PP-PE3-01	10PP-PE3-02
10PP-S2-01	0.03	0.03	0.03	0.03
10PP-S2-02	0.03	0.19	0.03	0.19
10PP-S3-01	0.03	0.03	0.03	0.03
10PP-S3-02	0.03	0.19	0.03	0.19

10PP Series Air Flow



Valved Socket & Plug



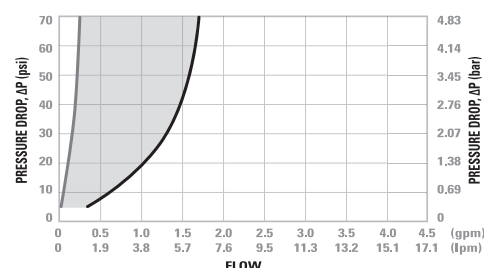
Valved & Non-Valved Coupling Set



Non-Valved Socket & Plug



10PP Series Water Flow





Interchangeable with
CPC® Colder SMC12 Series



3mm Sizes

NEW



10PP

Tubing Size 1/16" - 1/8"
1/16" Flow Polypropylene



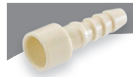
IN-LINE HOSE BARB SOCKET

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-S2-01	1/16" ID	1.6mm ID	.90" (23mm)	.48" (12mm)	.48" (12mm)
10PP-S2-M3	N/A	3.0mm ID	1.0" (23mm)	.48" (12mm)	.48" (12mm)
10PP-S2-02	1/8" ID	3.2mm ID	.90" (23mm)	.48" (12mm)	.48" (12mm)



PANEL MOUNT HOSE BARB SOCKET

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-S3-01	1/16" ID	1.6mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)
10PP-S3-M3	N/A	3.0mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)
10PP-S3-02	1/8" ID	3.2mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)



IN-LINE HOSE BARB SOCKET, NO SLEEVE

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-S2-01NS	1/16" ID	1.6mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)
10PP-S2-M3NS	N/A	3.0mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)
10PP-S2-02NS	1/8" ID	3.2mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)



Interchangeable with
CPC® Colder SMC12 Series



IN-LINE HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-PE2-01	1/16" ID	1.6mm ID	.75" (19mm)	.48" (12mm)	.48" (12mm)
10PP-PE2-M3	N/A	3.0mm ID	.80" (19mm)	.48" (12mm)	.48" (12mm)
10PP-PE2-02	1/8" ID	3.2mm ID	.90" (23mm)	.48" (12mm)	.48" (12mm)



PANEL MOUNT HOSE BARB PLUG

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-PE3-01	1/16" ID	1.6mm ID	.75" (19mm)	.50" (13mm)	.58" (15mm)
10PP-PE3-M3	N/A	3.0mm ID	.80" (19mm)	.50" (13mm)	.58" (15mm)
10PP-PE3-02	1/8" ID	3.2mm ID	.90" (23mm)	.50" (13mm)	.58" (15mm)



IN-LINE HOSE BARB PLUG, NO SLEEVE

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP-PE2-01NS	1/16" ID	1.6mm ID	.75" (19mm)	.32" (8mm)	.32" (8mm)
10PP-PE2-M3NS	N/A	3.0mm ID	.80" (19mm)	.32" (8mm)	.32" (8mm)
10PP-PE2-02NS	1/8" ID	3.2mm ID	.90" (23mm)	.32" (8mm)	.32" (8mm)



IN-LINE HOSE BARB COUPLING

NON-VALVED	TUBE SIZE	METRIC TUBE	LENGTH	WIDTH	HEIGHT
10PP2-01	1/16" ID	1.6mm ID	1.46" (37mm)	.48" (12mm)	.48" (12mm)
10PP2-M3	N/A	3.0mm ID	1.46" (37mm)	.48" (12mm)	.48" (12mm)
10PP2-02	1/8" ID	3.2mm ID	1.61" (41mm)	.48" (12mm)	.48" (12mm)

PART NUMBER GUIDE EXAMPLE:

10 PP - S 2 - 02

|
 FLOW SIZE OR
 LATCH TYPE

|
 MATERIAL

|
 NO
 VALVE

|
 CONFIG.
 AND
 O-RING

|
 TYPE

|
 CONNECTION
 SIZE