THERMOPLASTIC QUICK COUPLINGS **SUBMINIATURE COUPLING** For 1/16, 1/8" & 3 mm ID tubing, FT-SMC Series



Features:

- Leak Free Seal—Replaceable O-Ring Seal Makes a Reliable Pressure or Vacuum Seal
- Small Size and Clean Appearance— Space Saving Couplings for In-Line, Panel Mount and Pipe Thread Tubing Connections
- Easy-to-Use Positive Locking— Reliable Snap-Lock Is Quick and Dependable for Vacuum to 100 psi
- Eliminates Kinking, Twisting and Accidental Unlocking—Design Allows Tubing to Swivel Independent of Locking Mechanism. This Prevents Accidental Unlocking Typical of Luer-Type Connections
- Corrosion Resistant—Thermoplastic Acetal and Polypropylene are Compatible with FDA and Chemical Applications
- Single Side Shutoff—Automatically Stops Flow When Coupling is Disconnected. Available for ¼₆, ¼" and 3mm Connectors, Body Side Only
- Gamma Sterilizable—Available in Polycarbonate

Applications

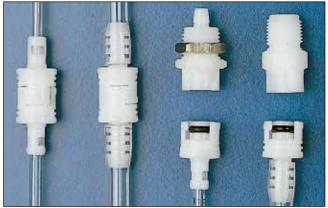
- Medical and Surgical Instrumentation
- Air Logic Systems
- Pneumatic Control Systems
- Disposable Medical Devices

FT-SMC Complete In Line Couplings



FT-SMC Series quick disconnect couplings bring reliability, economy and added convenience to users of very small flexible plastic tubing.

TRODEKS's FT-SMC coupling is a reliable quick connect system for easy servicing and quick component replacement. Available for in line, panel mount and pipe thread configurations. FT-SMC couplings are a reliable alternative to luer-type connections for medical instruments and devices. Their reliable O-Ring seal makes a leak-free connection every time.



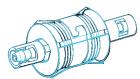
Subminiature couplings offer reliable, repeatable sealing capability for space-constrained applications. Shown here actual size.

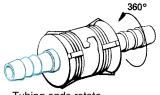
To Order						
	1/16 x 1/16" Hose Ba	arb				
	ACETAL STRAIGHT	ACETAL SHUTOFF STRAIGHT THRU		LENGTH		
	THRU MODEL NO.	MODEL NO.	MODEL NO.	THRU	OFF	
C HOHE	FT-SMC-01	FT-SMCD-01	FT-SMC-01-12	1.32"	1.46"	
	⅓ x ⅓" Hose Barb– 4 x 4 mm Hose Barb					
	FT-SMC-02	FT-SMCD-02	FT-SMC-02-12	1.61"	1.61"	
CHO!	3 x 3 mm Hose	Barb				
	FT-SMC-M3	FT-SMCD-M3	-	1.62"	1.62"	

SPECIFICATIONS

Working Pressure: Vacuum to 6.9 bar (100 psi) Operating Temperature: Acetal: -40 to 82°C (-40 to 180°F) Polypropylene: 0 to 82°C (32 to 180°F) Materials:

Coupling: Acetal, Polypropylene Locking Sleeves: Acetal Shutoff Valves: Polypropylene Valve Spring: 316 Stainless Steel Seals: Buna with Acetal EPR with Polypropylene Tubing Size: 1/16 and 1/2" ID, 3 mm, 4 mm ID





Exclusive $\frac{1}{6}$ " shrouded hose barb prevents breakage. Patented.

Tubing ends rotate independently of each other.



Ordering Information: FT-SMC couplings can be ordered complete for in line applications. For pipe thread and panel mount applications both coupling halves must be specified. For example, a panel mount body coupling (FT-SMFPM-01) requires an insert half of either $\frac{1}{16}$, $\frac{1}{16}$, 3 or 4 mm to make a complete connection.

To Ordensert Ha	Alf METRIC mm ID 3 4 If 3 4 ount Coup alf METRIC	ACETAL STRAIGH THRU MODEL NO. FT-SMM-01 FT-SMM-M3 FT-SMM-02 FT-SMF-01 FT-SMF-01 FT-SMF-M3 FT-SMF-02 pling Halves	MODEL NO. FT-SMFD-01 FT-SMFD-M3 FT-SMFD-02	ENE STRAIGHT THRU MODEL NO. FT-SMM-01-12 FT-SMM-02-12 FT-SMF-01-12 FT-SMF-01-12 FT-SMF-02-12	LENGTH (inch) 1.10 — 1.10 1.25 — 1.25
UBING D SIZE ^{1/16} " ^{1/8} " Body Ha ^{1/16} " ^{1/8} " Panel Mo nsert Ha UBING	METRIC mm ID 3 4 If 3 4 ount Coup alf METRIC	THRU MODEL NO. FT-SMM-01 FT-SMM-M3 FT-SMF-02 FT-SMF-01 FT-SMF-M3 FT-SMF-02 pling Halves	T SHUTOFF MODEL NO. — — — FT-SMFD-01 FT-SMFD-03 FT-SMFD-02	STRAIGHT THRU MODEL NO. FT-SMM-01-12 FT-SMM-02-12 FT-SMF-01-12 FT-SMF-02-12	(inch) 1.10 1.10 1.25
	4 If 3 4 ount Coup alf METRIC	FT-SMM-M3 FT-SMM-02 FT-SMF-01 FT-SMF-M3 FT-SMF-02 pling Halves	 FT-SMFD-01 FT-SMFD-M3 FT-SMFD-02	FT-SMF-01-12 FT-SMF-02-12	1.10
Body Ha ^{1⁄16"} – ^{1⁄8"} Panel Mo nsert Ha UBING	4 If 3 4 ount Coup alf METRIC	FT-SMM-02 FT-SMF-01 FT-SMF-M3 FT-SMF-02 pling Halves	FT-SMFD-M3 FT-SMFD-02	FT-SMF-01-12 FT-SMF-02-12	1.25
Body Ha ^{1⁄16"} – ^{1⁄8"} Panel Mo nsert Ha UBING	llf 3 4 Dunt Coup alf METRIC	FT-SMF-01 FT-SMF-M3 FT-SMF-02 pling Halves	FT-SMFD-M3 FT-SMFD-02	FT-SMF-01-12 FT-SMF-02-12	1.25
^{1/16["] ^{1/8"} Panel Mo nsert Ha }		FT-SMF-M3 FT-SMF-02 pling Halves	FT-SMFD-M3 FT-SMFD-02	FT-SMF-02-12	_
 ¹ ∕8" Panel Mo nsert Ha ∵UBING	4 ount Coup alf METRIC	FT-SMF-M3 FT-SMF-02 pling Halves	FT-SMFD-M3 FT-SMFD-02	FT-SMF-02-12	_
Panel Mo nsert Ha UBING	4 ount Coup alf METRIC	FT-SMF-02 pling Halves	FT-SMFD-02		1.25
Panel Mo nsert Ha UBING	ount Couj alf METRIC	pling Halves			1.25
nsert Ha UBING	alf METRIC				
UBING	METRIC	ACETAL STRAIGH			
		ACETAL STRAIGH	T SHUTOFF		
	mm ID	THRU MODEL NO.	MODEL NO.	STRAIGHT THRU MODEL NO.	LENGTH (inch)
1⁄16"		FT-SMMPM-01	_	FT-SMMPM-01-12	0.90
_	3	FT-SMMPM-M3	_	_	_
1⁄8"	4	FT-SMMPM-02	_	FT-SMMPM-02-12	0.90
Body Ha	lf				
1⁄16"	_	FT-SMFPM-01	FT-SMFPMD-0	1 FT-SMFPM-01-12	0.90
_	3	FT-SMFPM-M3	FT-SMFPMD-N	13 —	_
1⁄8"	4	FT-SMFPM-02	FT-SMFPMD-0	2 FT-SMFPM-02-12	0.90
be Threa	d Coupling	g Halves			
ody Half					
			SHUTOFF MODEL NO.	POLYPROPYLENE STRAIGHT THRU MODEL NO.	LENGTH (inch)
NPT MA	LE F	T-SMPT-02	FT-SMPTD-02	FT-SMPT-02-12	0.86
	/16" — 1%" e Threa dy Half BING M SIZE 1 SIZE 1	7/16" — — 3 1/8" 4 • Thread Coupling dy Half BING METRIC SIZE mm ID T JPT MALE	Here FT-SMFPM-01 - 3 FT-SMFPM-M3 1/8" 4 FT-SMFPM-02 FT-SMFPM-03 FT-SMFPM-02 FT-SMFPM-02 FT-SMFPM-02 FT-SMFPM-02 FT-SMFPM-03 FT-SMFPM-03 FT-SMFPM-03 FT-SMFPM-02 FT-SMFPM-02 FT-SMFPM-03 FT-SMFPM-03 FT-SMFPM-04 FT-SMFPM-02 FT-SMFPM-02 FT-SMFPM-03 FT-SMFPM-04 FT-SMFPM-05 FT-SMFPM-05 FT-SMFPM-04 FT-SMFPM-05 FT-SMFPM-05 FT-SMFPM-04 FT-SMFPM-05 FT-SMFPM-05 FT-SMFPM-06 FT-SMFPM-07 FT-SMFPM-08 FT-SMFPM-08 FT-SMFPM-09 FT-SMFPM-09 FT-SMFPM-09 FT-SMFPM-01 FT-SMFPM-01 FT-SMFPM-02 FT-SMFPM-03 FT-SMFPM-04 FT-SMFPM-05 FT-SMFPM-04 FT-SMFPM-05 FT-SMFPM-05 FT-SMFPM-04 FT-SMFPM-04 FT-SMFPM-05 FT-SMFPM-04 <t< td=""><td>7/16" — FT-SMFPM-01 FT-SMFPMD-0 — 3 FT-SMFPM-M3 FT-SMFPMD-N 7/8" 4 FT-SMFPM-02 FT-SMFPMD-0 © Thread Coupling Halves ET-SMFPMD-0 ET-SMFPMD-0 © Thread Coupling Halves ET-SMFPMD-0 ET-SMFPMD-0 BING METRIC ACETAL STRAIGHT SHUTOFF SIZE mm ID THRU MODEL NO. MODEL NO.</td><td>7/16" — FT-SMFPM-01 FT-SMFPMD-01 FT-SMFPM01 — 3 FT-SMFPM-M3 FT-SMFPMD-M3 — 7/8" 4 FT-SMFPM-02 FT-SMFPMD-02 FT-SMFPM02-12 • Thread Coupling Halves • • • • Thread Coupling Halves • • • • Thread Metric • • • • Sing Metric ACETAL STRAIGHT SHUTOFF POLYPROPYLENE • SING METRIC ACETAL STRAIGHT SHUTOFF STRAIGHT THRU • MODEL NO. MODEL NO. MODEL NO. •</td></t<>	7/16" — FT-SMFPM-01 FT-SMFPMD-0 — 3 FT-SMFPM-M3 FT-SMFPMD-N 7/8" 4 FT-SMFPM-02 FT-SMFPMD-0 © Thread Coupling Halves ET-SMFPMD-0 ET-SMFPMD-0 © Thread Coupling Halves ET-SMFPMD-0 ET-SMFPMD-0 BING METRIC ACETAL STRAIGHT SHUTOFF SIZE mm ID THRU MODEL NO. MODEL NO.	7/16" — FT-SMFPM-01 FT-SMFPMD-01 FT-SMFPM01 — 3 FT-SMFPM-M3 FT-SMFPMD-M3 — 7/8" 4 FT-SMFPM-02 FT-SMFPMD-02 FT-SMFPM02-12 • Thread Coupling Halves • • • • Thread Coupling Halves • • • • Thread Metric • • • • Sing Metric ACETAL STRAIGHT SHUTOFF POLYPROPYLENE • SING METRIC ACETAL STRAIGHT SHUTOFF STRAIGHT THRU • MODEL NO. MODEL NO. MODEL NO. •

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In Line Coupling Halves

FT-SMCD-01, complete in-line Acetal shutoff (pkg of 10).