

Product Specifications

PRODUCT CATEGORY	CONNECTION TECHNOLOGY	BODY MATERIAL	SEAL MATERIAL	WORKING PRESSURE AT 73° (PSI) (1/4 BURST PRESSURE)				TEMPERATURE RANGE (F)
				1/4"	5/16"	3/8"	1/2"	
LIQUIfit Fractional Inch	Gripping Ring Push Button Release	Engineered High-Performance Nylon	EPDM	230 [†]	230 [†]	190 [†]	160 [†]	+35° to +200°
LIQUIfit Metric	Gripping Ring Push Button Release	Engineered High-Performance Nylon	EPDM	4MM	6MM	8MM	10MM	+35° to +200°
				230 [†]	230 [†]	230 [†]	190 [†]	
TrueSeal	Collet Push Button Release	Acetal	EPDM	300 [†]	300 [†]	300 [†]	250 [†]	-20° to +180°
		Polypropylene	EPDM	150 [†]	N/A	150 [†]	150 [†]	0° to +225°
		Kynar	Fluorocarbon	300 [†]	N/A	300 [†]	N/A	0° to +275°
Fast & Tite	Gripping Ring Compression	Polypropylene	Nitrile	300 [†]	300 [†]	250 [†]	200 [†]	0° to +212°
		Nylon	Nitrile	300 [†]	300 [†]	250 [†]	200 [†]	-40° to +200°
Par-Barb	Barb	Polypropylene	None	125 [†]	125 [†]	125 [†]	125 [†]	-65° to +190°
		Nylon	None	125 [†]	125 [†]	125 [†]	125 [†]	-40° to +200°
Quick Couplings	Quick Disconnect	Acetal	Nitrile	120 [†]	120 [†]	120 [†]	N/A	-40° to +180°
TrueSeal Ball Valves	Collet Push Button Release	Polypropylene	EPDM	150 [†]	150 [†]	150 [†]	150 [†]	0° to +225°
LIQUIfit Ball Valves	Gripping Ring Push Button Release	Polypropylene	EPDM	150 [†]	150 [†]	150 [†]	150 [†]	+35° to +200°
TrueSeal Check Valves	Collet Push Button Release	Acetal	EPDM	150 [†]	150 [†]	150 [†]	150 [†]	+34° to +150°
Unleaded Brass	Push Button Release	Unleaded Brass	EPDM	†	†	†	†	0° to +200°
LIQUIfit Tubing		Polyethylene	N/A	120 [†]	145 [†]	125 [†]	90 [†]	-80° to +150°

[†] Working pressure varies with application and temperature.

Product specifications vary with fitting configurations.

WARNING – User Responsibility

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

- This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.
- The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.
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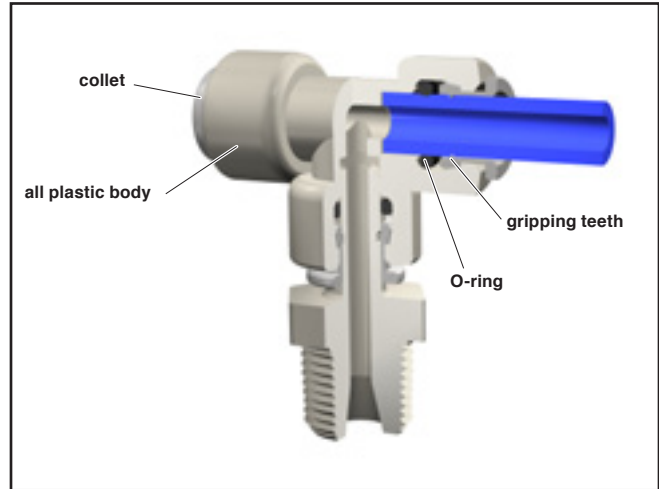
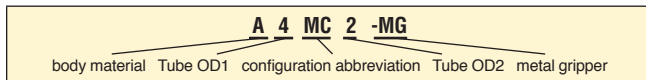
TrueSeal™ Thermoplastic Push-In Fittings

- Engineered O-ring increases seal compression on tube
- O-ring available in EPDM, Nitrile, or Fluorocarbon
- Body available in Acetal, Polypropylene, or Kynar
- Gripping teeth available in Stainless Steel or with an engineered thermoplastic bite edge
- Collet available in Acetal, Kynar or engineered thermoplastic
- FDA compliant
- All fittings are NSF-51 listed and gray acetal fittings are also NSF-61 listed



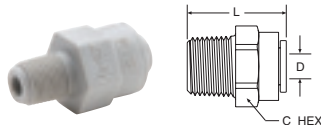
NSF $\leq 0.25\%$ Lead

- NSF 51 -



MC - Male Connector

Tube-to-Pipe

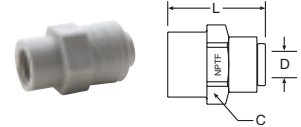


GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FLUOROCARBON SEAL	NOM. TUBE O.D.	NPTF THD SIZE	C HEX	L OVERALL LENGTH	D THRU HOLE MIN.
A4MC2-MG	PP4MC2	F4MC2	1/4	1/8	11/16	1.28	.175
A4MC4-MG	PP4MC4	F4MC4	1/4	1/4	11/16	1.14	.175
A4MC6-MG	PP4MC6	F4MC6	1/4	3/8	11/16	1.18	.175
A5MC2-MG			5/16	1/8	13/16	1.46	.175
A5MC4-MG			5/16	1/4	13/16	1.41	.188
A5MC6-MG			5/16	3/8	13/16	1.27	.188
A6MC2-MG		F6MC2	3/8	1/8	13/16	1.46	.175
A6MC4-MG	PP6MC4	F6MC4	3/8	1/4	13/16	1.41	.250
A6MC6-MG	PP6MC6	F6MC6	3/8	3/8	13/16	1.27	.250
A6MC8-MG		F6MC8	3/8	1/2	15/16	1.45	.250
A8MC6-MG	PP8MC6		1/2	3/8	15/16	1.65	.360
A8MC8-MG	PP8MC8		1/2	1/2	15/16	1.46	.375

For nonstandard plastic collet, remove -MG suffix.

FC - Female Connector

Tube-to-Pipe

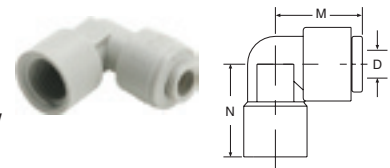


GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FLUOROCARBON SEAL	NOM. TUBE O.D.	NPTF THREAD SIZE	C HEX	L OVERALL LENGTH	D THRU HOLE MIN.
A4FC2-MG	PP4FC2	F4FC2	1/4	1/8	11/16	1.20	.175
A4FC4-MG	PP4FC4	F4FC4	1/4	1/4	23/32	1.32	.175
A5FC4-MG			5/16	1/4	13/16	1.41	.188
A5FC6-MG			5/16	3/8	1	1.50	.188
A6FC4-MG	PP6FC4	F6FC4	3/8	1/4	13/16	1.41	.250
A6FC6-MG	PP6FC6	F6FC6	3/8	3/8	1	1.50	.250
A6FC8-MG			3/8	1/2	1-1/8	1.52	.250
A8FC6-MG	PP8FC6		1/2	3/8	1-1/8	1.60	.375
A8FC8-MG	PP8FC8		1/2	1/2	1-1/8	1.75	.375

For nonstandard plastic collet, remove -MG suffix.

FE - Female Elbow

Tube-to-Pipe



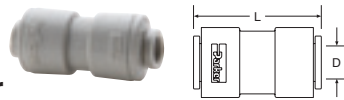
GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FLUOROCARBON SEAL	NOM. TUBE O.D.	NPTF THREAD SIZE	M	N	D THRU HOLE MIN.
A4FE4-MG			1/4	1/4	0.84	1.00	.18
A6FE4-MG			3/8	1/4	1.03	1.00	.25
A6FE6-MG			3/8	3/8	1.03	1.00	.25

For nonstandard plastic collet, remove -MG suffix.



Parker Hannifin Corporation
Fluid System Connectors
Otsego, Michigan

UC - Union Connector

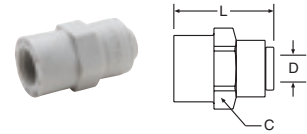


Tube-to-Tube

GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FLUOROCARBON SEAL	NOM. TUBE O.D.	L OVERALL LENGTH	D THRU HOLE MIN.
A4UC4-MG	PP4UC4	F4UC4	1/4	1.49	.175
A5UC4-MG			5/16-1/4	1.70	.175
A5UC5-MG			5/16	1.70	.188
A6UC4-MG	PP6UC4	F6UC4	3/8-1/4	1.70	.175
A6UC5-MG			3/8-5/16	1.70	.188
A6UC6-MG	PP6UC6	F6UC6	3/8	1.70	.250
A8UC5-MG			1/2-5/16	1.90	.188
A8UC6-MG	PP8UC6		1/2-3/8	1.90	.250
A8UC8-MG	PP8UC8		1/2	1.91	.375

For nonstandard plastic collet, remove -MG suffix.

FA - Faucet Adapter

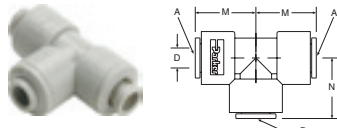


Tube-to-Faucet

GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FLUOROCARBON SEAL	NOM. TUBE O.D.	UNS-2B THREAD SIZE	C HEX	L OVERALL LENGTH	D THRU HOLE MIN.
A4FA7-MG	PP4FA7	F4FA7	1/4	7/16-24	23/32	1.32	.190
A5FA7-MG			5/16	7/16-24	13/16	1.41	.190
A6FA7-MG	PP6FA7	F6FA7	3/8	7/16-24	13/16	1.41	.190

For nonstandard plastic collet, remove -MG suffix.

TU - Tee Union

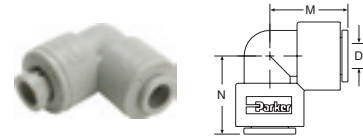


Tube-to-Tube

GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FLUOROCARBON SEAL	NOM. TUBE O.D.		M	N	D THRU HOLE MIN.
			TUBE A	TUBE B			
A4TU4-MG	PP4TU4	F4TU4	1/4	1/4	0.81	0.85	.175
A5TU5-MG			5/16	5/16	1.02	1.02	.188
A6TU4-MG	PP6TU4	F6TU4	3/8	1/4	1.02	1.03	.175
A6TU6-MG	PP6TU6	F6TU6	3/8	3/8	1.02	1.02	.290
A8TU8-MG	PP8TU8		1/2	1/2	1.20	1.20	.375

For nonstandard plastic collet, remove -MG suffix.

EU - Elbow Union

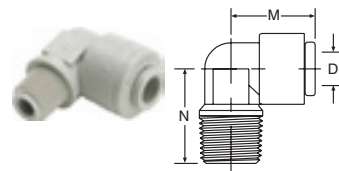


Tube-to-Tube

GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FLUOROCARBON SEAL	NOM. TUBE O.D. 1	NOM. TUBE O.D. 2	M	N	D THRU HOLE MIN.
A4EU4-MG	PP4EU4	F4EU4	1/4	1/4	0.87	0.87	.175
A5EU4-MG			5/16	1/4	1.052	0.90	.175
A5EU5-MG			5/16	5/16	1.02	1.02	.188
A6EU4-MG	PP6EU4	F6EU4	3/8	1/4	1.02	0.90	.212
A6EU5-MG			3/8	5/16	1.02	1.02	.175
A6EU6-MG	PP6EU6	F6EU6	3/8	3/8	1.02	1.02	.250
A8EU6-MG			1/2	3/8	1.20	1.20	.250
A8EU8-MG	PP8EU8		1/2	1/2	1.20	1.20	.375

For nonstandard plastic collet, remove -MG suffix.

ME - Male Elbow

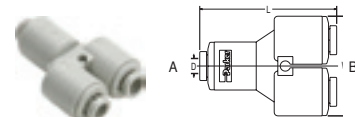


Tube-to-Pipe

GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FLUOROCARBON SEAL	NOM. TUBE O.D.	NPTF THD SIZE	M	N	D THRU HOLE MIN.
A4ME4-MG	PP4ME4	F4ME4	1/4	1/4	0.84	0.94	.175
A4ME6-MG	PP4ME6	F4ME6	1/4	3/8	0.84	1.04	.175
A5ME4-MG			5/16	1/4	1.03	1.08	.175
A5ME6-MG			5/16	3/8	1.03	1.06	.188
A6ME4-MG	PP6ME4	F6ME4	3/8	1/4	1.03	1.08	.250
A6ME6-MG	PP6ME6	F6ME6	3/8	3/8	1.03	1.06	.250

For nonstandard plastic collet, remove -MG suffix.

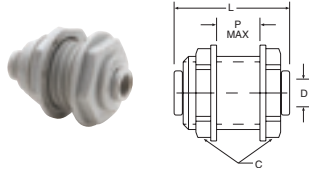
WY - "Y" Union



Tube-to-Tube

GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FLUOROCARBON SEAL	NOM. TUBE O.D.		L	W	D THRU HOLE MIN.
			INLET TUBE A	OUTLET TUBE B			
A5WY5-MG			5/16	5/16	2.250	1.75	0.190
A6WY4-MG			3/8	1/4	2.100	1.43	0.190
A6WY5-MG			3/8	5/16	2.200	1.75	0.190
A6WY6-MG			3/8	3/8	2.175	1.75	0.250

For nonstandard plastic collet, remove -MG suffix.

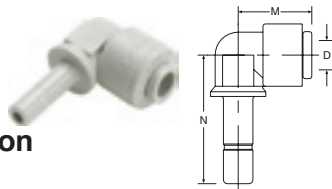


BU - Bulkhead Union

Tube-to-Tube

GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FCB SEAL	NOM. TUBE O.D.	C1 HEX	C2 HEX	L OVERALL LENGTH	P MAX. WALL THK.	D THRU HOLE MIN.	BKHD HOLE DRILL SIZE
A4BU4-MG	PP4BU4	F4BU4	1/4	15/16	15/16	1.50	.50	.175	7/8
A5BU5-MG			5/16	1-1/16	1-1/16	1.75	.62	.188	1
A6BU4-MG	PP6BU4		3/8-1/4	1-1/16	1-1/16	1.75	.62	.175	1
A6BU6-MG	PP6BU6	F6BU6	3/8	1-1/16	1-1/16	1.75	.62	.250	1
A8BU8-MG			1/2	1-1/4	1-1/4	2.04	.70	.375	1-1/8

For nonstandard plastic collet, remove -MG suffix.



TEU - Tube Elbow Union

Tube-to-Stem

GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FLUOROCARBON SEAL	NOM. TUBE O.D.	TUBE STEM O.D.	M	N	D THRU HOLE MIN.
A4TEU4-MG	PP4TEU4	F4TEU4	1/4	1/4	.84	1.21	.125
A4TEU6-MG		F4TEU6	1/4	3/8	.84	1.35	.125
A5TEU5-MG			5/16	5/16	1.03	1.40	.188
A6TEU4-MG		F6TEU4	3/8	1/4	1.03	1.29	.125
A6TEU6-MG	PP6TEU6	F6TEU6	3/8	3/8	1.03	1.64	.250
A8TEU8-MG	PP8TEU8		1/2	1/2	1.21	1.64	.380

For nonstandard plastic collet, remove -MG suffix.



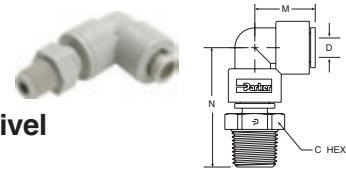
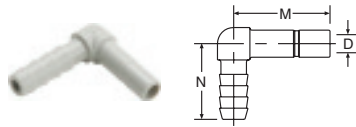
TPL - Plug

GRAY ACETAL	WHITE POLYPROPYLENE	NATURAL KYNAR	FITTING SIZE	L OVERALL LENGTH
A4TPL	PP4TPL	F4TPL	1/4	0.88
A6TPL	PP6TPL	F6TPL	3/8	1.45
A8TPL	PP8TPL		1/2	1.50

TEB - Tube Elbow Barb Connector

Tube-to-Barb

GRAY ACETAL	WHITE POLYPROPYLENE	NATURAL KYNAR	TUBE STEM O.D.	BARB I.D.	M	N	D THRU HOLE MIN.
A4TEB4	PP4TEB4	F4TEB4	1/4	1/4	0.89	1.00	.140
A6TEB6	PP6TEB6	F6TEB6	3/8	3/8	1.34	1.21	.250
A8TEB8			1/2	1/2	1.30	1.30	.390



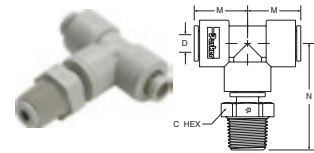
MES - Male Elbow Swivel

Tube-to-Pipe

GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FCB SEAL	NOM. TUBE O.D.	NPTF THD SIZE	C HEX	M	N	D THRU HOLE MIN.
A4MES2-MG	PP4MES2	F4MES2	1/4	1/8	9/16	0.87	1.60	.175
A4MES4-MG	PP4MES4	F4MES4	1/4	1/4	11/16	0.87	1.71	.175
A4MES6-MG	PP4MES6	F4MES6	1/4	3/8	13/16	0.90	1.91	.212
A5MES2-MG			5/16	1/8	9/16	1.02	1.78	.188
A5MES4-MG			5/16	1/4	11/16	1.02	1.90	.188
A5MES6-MG			5/16	3/8	13/16	1.02	1.90	.188
A6MES2-MG		F6MES2	3/8	1/8	9/16	1.02	1.65	.175
A6MES4-MG	PP6MES4	F6MES4	3/8	1/4	13/16	1.02	1.90	.250
A6MES6-MG	PP6MES6	F6MES6	3/8	3/8	13/16	1.02	1.90	.250
A8MES4-MG			1/2	1/4	13/16	1.20	2.10	.240
A8MES6-MG	PP8MES6		1/2	3/8	13/16	1.20	2.10	.375
A8MES8-MG	PP8MES8		1/2	1/2	1	1.20	2.32	.375

* Part consists of elbow union and tube stem adaptor.

Note: Assemblies with metal gripper collets are permanent. Assemblies with plastic collets can be taken apart.



MTS - Male Tee Swivel

Tube-to-Pipe

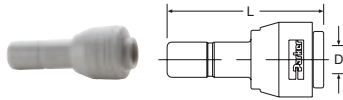
GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FCB SEAL	NOM TUBE O.D.	NPTF THD SIZE	C HEX	M	N	D THRU HOLE MIN.
A4MTS2-MG	PP4MTS2	F4MTS2	1/4	1/8	9/16	0.81	1.60	.175
A4MTS4-MG	PP4MTS4	F4MTS4	1/4	1/4	11/16	0.81	1.71	.175
A5MTS2-MG			5/16	1/8	9/16	1.02	1.78	.188
A5MTS4-MG			5/16	1/4	11/16	1.02	1.90	.188
A5MTS6-MG			5/16	3/8	13/16	1.02	1.90	.188
A6MTS2-MG		F6MTS2	3/8	1/8	9/16	1.02	1.75	.175
A6MTS4-MG	PP6MTS4	F6MTS4	3/8	1/4	13/16	1.02	1.90	.250
A6MTS6-MG	PP6MTS6	F6MTS6	3/8	3/8	13/16	1.02	1.90	.250
A8MTS4-MG			1/2	1/4	13/16	1.20	2.10	.240
A8MTS6-MG	PP8MTS6		1/2	3/8	13/16	1.20	2.10	.375
A8MTS8-MG	PP8MTS8		1/2	1/2	1	1.20	2.32	.375

* Part consists of tee union and tube stem adaptor.

Note: Assemblies with metal gripper collets are permanent. Assemblies with plastic collets can be taken apart.

RD - Tube Reducer

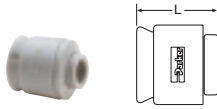
Tube-to-Tube Stem



GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FLUOROCARBON SEAL	NOM. TUBE O.D.	TUBE STEM O.D.	L	D THRU HOLE MIN.
A4RD5-MG	PP4RD5		1/4	5/16	1.62	.18
A4RD6-MG	PP4RD6		1/4	3/8	1.62	.18
A5RD6-MG			5/16	3/8	1.78	.25
A5RD8-MG			5/16	1/2	1.90	.25
A6RD8-MG			3/8	1/2	1.90	.25

For nonstandard plastic collet, remove -MG suffix.

CAP - Tube Cap



GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FLUOROCARBON SEAL	NOM. TUBE O.D.	L OVERALL LENGTH
A4CAP-MG	PP4CAP	F4CAP	1/4	0.77
A6CAP-MG	PP6CAP		3/8	0.88

For nonstandard plastic collet, remove -MG suffix.

TCB - Tube-to-Barb Connector

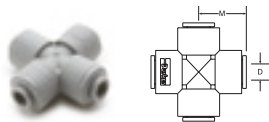
Tube-to-Barb



GRAY ACETAL	WHITE POLYPROPYLENE	NATURAL KYNAR	TUBE STEM O.D.	BARB I.D.	L OVERALL LENGTH	D THRU HOLE MIN.
A4TCB4	PP4TCB4	F4TCB4	1/4	1/4	1.67	.140
A6TCB4		F6TCB4	3/8	1/4	1.82	.140
A6TCB6	PP6TCB6	F6TCB6	3/8	3/8	1.98	.250
A8TCB6			1/2	3/8	2.10	.250
A8TCB8			1/2	1/2	2.10	.375

CU - Cross

Tube-to-Tube



GRAY ACETAL	NOM TUBE O.D.	M	D THRU HOLE MIN.
A4CU4-MG	1/4	.91	.175
A6CU6-MG	3/8	1.08	.250

TMC - Tube Stem Adapter

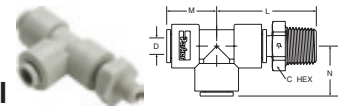
Tube Stem-to-Pipe



GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FLUOROCARBON SEAL	NOM. TUBE O.D.	NPTF THREAD SIZE	C HEX	L OVERALL LENGTH	D THRU HOLE MIN.
A4TMC2	PP4TMC2	F4TMC2	1/4	1/8	9/16	1.44	.175
A4TMC4	PP4TMC4	F4TMC4	1/4	1/4	11/16	1.56	.175
A5TMC2			5/16	1/8	9/16	1.5	.188
A5TMC4			5/16	1/4	11/16	1.67	.188
A5TMC6			5/16	3/8	13/16	1.67	.188
A6TMC4	PP6TMC4	F6TMC4	3/8	1/4	13/16	1.70	.250
A6TMC6	PP6TMC6	F6TMC6	3/8	3/8	13/16	1.70	.250
A8TMC4			1/2	1/4	13/16	1.82	.240
A8TMC6	PP8TMC6		1/2	3/8	13/16	1.82	.375
A8TMC8	PP8TMC8		1/2	1/2	1	2.04	.375

MRS - Male Run Swivel

Tube-to-Pipe



GRAY ACETAL EPDM SEAL	WHITE POLYPROPYLENE EPDM SEAL	NATURAL KYNAR FCB SEAL	NOM TUBE O.D.	NPTF THD SIZE	C HEX	L	M	N	D THRU HOLE MIN.
A4MRS2-MG	PP4MRS2	F4MRS2	1/4	1/8	9/16	1.55	0.81	0.85	.175
A4MRS4-MG	PP4MRS4	F4MRS4	1/4	1/4	11/16	1.67	0.81	0.85	.175
A5MRS2-MG			5/16	1/8	9/16	1.78	1.02	1.02	.188
A5MRS4-MG			5/16	1/4	11/16	1.90	1.02	1.02	.188
A5MRS6-MG			5/16	3/8	13/16	1.90	1.02	1.02	.188
A6MRS4-MG	PP6MRS4	F6MRS4	3/8	1/4	13/16	1.90	1.02	1.02	.250
A6MRS6-MG	PP6MRS6	F6MRS6	3/8	3/8	13/16	1.90	1.02	1.02	.250
A8MRS4-MG			1/2	1/4	13/16	2.10	1.20	1.20	.240
A8MRS6-MG	PP8MRS6		1/2	3/8	13/16	2.10	1.20	1.20	.375
A8MRS8-MG	PP8MRS8		1/2	1/2	1	2.32	1.20	1.20	.375

*Part consists of tee union and tube stem adaptor.
 Note: Assemblies with metal gripper collets are permanent.
 Assemblies with plastic collets can be taken apart.

Connect

Simply push the tubing until it bottoms out. Holding and sealing is accomplished instantaneously.



Disconnect

First, depress the manual release button, then pull the tubing out of the fitting.

