



aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Water & Beverage Connectors

Products & Custom Solutions



ENGINEERING YOUR SUCCESS.

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.

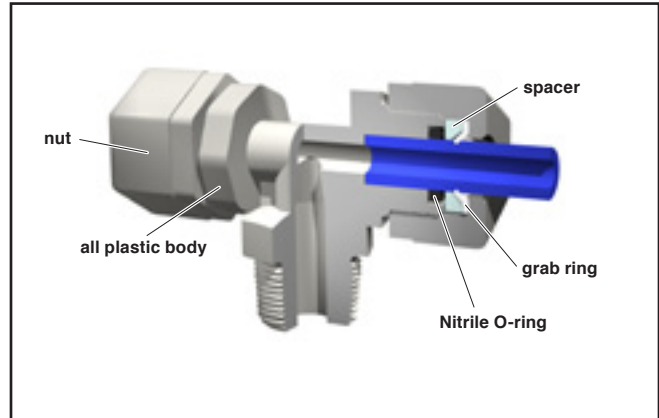
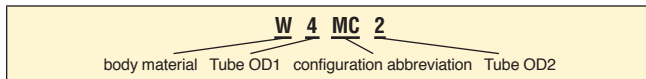
WARNING – User Responsibility

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.
- To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

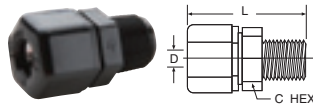
Fast & Tite® Thermoplastic Fittings

- Body available in Polypropylene or Nylon
- Grab Ring available in full Stainless Steel or engineered thermoplastic
- FDA compliant
- 0° to +212°F for Polypropylene
- -40° to +200°F for Nylon



MC - Male Connector

Tube-to-Male pipe

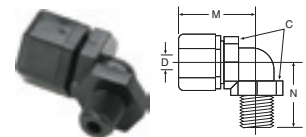


WHITE POLYPROPYLENE PART NUMBER	BLACK POLYPROPYLENE PART NUMBER	WHITE NYLON PART NUMBER	NOM TUBE O.D.	NPTF THREAD SIZE	C HEX	L OVERALL LENGTH	D THRU HOLE MIN.
W4MC4	P4MC4	N4MC4	1/4	1/4	11/16	1.51	.170
W4MC6 (+)	P4MC6 (+)	N4MC6 (+)	1/4	3/8	11/16	.148	.170
W5MC2 (+)	P5MC2	N5MC2	5/16	1/8	11/16	1.38	.170
W5MC4 (+)	P5MC4	N5MC4	5/16	1/4	11/16	1.50	.250
W6MC2 (+)	P6MC2	N6MC2	3/8	1/8	13/16	1.50	.170
W6MC4	P6MC4	N6MC4	3/8	1/4	13/16	1.67	.250
W6MC6	P6MC6	N6MC6	3/8	3/8	13/16	1.67	.250
W6MC8 (+)	P6MC8	N6MC8	3/8	1/2	1	1.78	.250
W6MC12	P6MC12	N6MC12	3/8	3/4	1	1.84	.250
W8MC2 (+)	P8MC2	N8MC2	1/2	1/8	1	1.61	.170
W8MC4 (+)	P8MC4	N8MC4	1/2	1/4	1	1.74	.250
W8MC6	P8MC6	N8MC6	1/2	3/8	1	1.74	.375
W8MC8	P8MC8	N8MC8	1/2	1/2	1	1.87	.375
W8MC12 (+)	P8MC12	N8MC12	1/2	3/4	1	1.89	.375
W10MC2 (+)	P10MC2	N10MC2	5/8	1/8	1-1/8	1.75	.170
W10MC4 (+)	P10MC4	N10MC4	5/8	1/4	1-1/8	1.90	.250
W10MC6 (+)	P10MC6	N10MC6	5/8	3/8	1-1/8	1.90	.375
W10MC8 (+)	P10MC8	N10MC8	5/8	1/2	1-1/8	2.01	.500
W10MC12 (+)	P10MC12	N10MC12	5/8	3/4	1-1/8	2.04	.500

NOTE: (+) non-standard

ME - Male Elbow

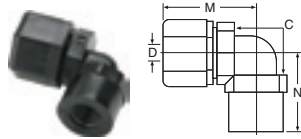
Tube-to-Male Pipe



WHITE POLYPROPYLENE PART NUMBER	BLACK POLYPROPYLENE PART NUMBER	WHITE NYLON PART NUMBER	NOM TUBE O.D.	NPTF THD SIZE	C HEX	M	N	D THRU HOLE MIN.
W4ME2	P4ME2	N4ME2	1/4	1/8	3/4	1.06	0.81	.170
W4ME4	P4ME4	N4ME4	1/4	1/4	3/4	1.06	1.02	.170
W4ME6	P4ME6	N4ME6	1/4	3/8	3/4	1.06	1.02	.170
W5ME2 (+)	P5ME2	N5ME2	5/16	1/8	3/4	1.06	0.81	.193
W5ME4 (+)	P5ME4	N5ME4	5/16	1/4	3/4	1.06	1.02	.193
W5ME6 (+)	P5ME6	N5ME6	5/16	3/8	3/4	1.06	1.02	.193
W6ME4	P6ME4	N6ME4	3/8	1/4	7/8	1.28	1.12	.250
W6ME6	P6ME6	N6ME6	3/8	3/8	7/8	1.28	1.12	.250
W6ME8	P6ME8	N6ME8	3/8	1/2	1	1.28	1.34	.250
W6ME12 (+)	P6ME12	N6ME12	3/8	3/4	1-3/16	1.59	1.40	.250
W8ME4 (+)	P8ME4	N8ME4 (+)	1/2	1/4	1-1/16	1.48	1.22	.250
W8ME6	P8ME6	N8ME6	1/2	3/8	1-1/16	1.56	1.21	.375
W8ME8	P8ME8	N8ME8	1/2	1/2	1-1/16	1.56	1.34	.375
W8ME12 (+)	P8ME12(+)	N8ME12(+)	1/2	3/4	1-1/8	1.50	1.40	.375
W10ME8 (+)	P10ME8	N10ME8	5/8	1/2	1-3/16	1.72	1.40	.500

FE - Female Elbow

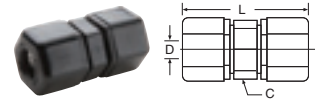
Tube-to-Female Pipe



WHITE POLYPROPYLENE PART NUMBER	BLACK POLYPROPYLENE PART NUMBER	WHITE NYLON PART NUMBER	NOM TUBE O.D.	NPTF THD SIZE	C HEX	M	N	D THRU HOLE MIN.
W4FE2	P4FE2	N4FE2	1/4	1/8	11/16	1.10	0.84	.170
W4FE4	P4FE4	N4FE4	1/4	1/4	11/16	1.10	0.94	.170
W5FE2 (+)	P5FE2	N5FE2	5/16	1/8	11/16	1.10	0.84	.193
W6FE4	P6FE4	N6FE4	3/8	1/4	13/16	1.30	1.06	.250
W6FE6	P6FE6	N6FE6	3/8	3/8	13/16	1.30	1.03	.250
W8FE6 (+)	P8FE6	N8FE6	1/2	3/8	1	1.50	1.16	.375
W8FE8	P8FE8	N8FE8	1/2	1/2	1	1.50	1.27	.375
W10FE8 (+)	P10FE8	N10FE8	5/8	1/2	1-1/8	1.70	1.34	.500

UC - Union Connector

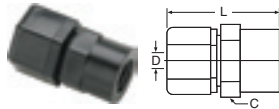
Tube-to-Tube



WHITE PPL PART NUMBER	BLACK PPL PART NUMBER	WHITE NYLON PART NUMBER	NOM. TUBE O.D.	C HEX	L OVERALL LENGTH	D THRU HOLE MIN.
W4UC4	P4UC4	N4UC4	1/4	11/16	1.62	.170
W5UC4 (+)	P5UC4	N5UC4	5/16-1/4	11/16	1.62	.170
W5UC5 (+)	P5UC5	N5UC5	5/16	11/16	1.62	.190
W6UC4	P6UC4	N6UC4	3/8-1/4	13/16	1.80	.170
W6UC5 (+)	P6UC5	N6UC5	3/8-5/16	13/16	1.80	.190
W6UC6	P6UC6	N6UC6	3/8	13/16	1.92	.250
W8UC6	P8UC6	N8UC6	1/2-3/8	1	1.95	.250
W8UC8	P8UC8	N8UC8	1/2	1	2.03	.375
W10UC6 (+)	P10UC6	N10UC6	5/8-3/8	1-1/8	2.19	.250
W10UC8 (+)	P10UC8	N10UC8	5/8-1/2	1-1/8	2.24	.375
W10UC10 (+)	P10UC10	N10UC10	5/8	1-1/8	2.40	.500

FC - Female Connector

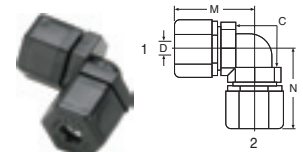
Tube-to-Female Pipe



WHITE POLYPROPYLENE PART NUMBER	BLACK POLYPROPYLENE PART NUMBER	WHITE NYLON PART NUMBER	NOM TUBE O.D.	NPTF THD SIZE	C HEX	M	N	D THRU HOLE MIN.
W4FC2	P4FC2	N4FC2	1/4	1/8	11/16	1.10	0.84	.170
W4FC4	P4FC4	N4FC4	1/4	1/4	11/16	1.10	0.94	.170
W5FC2 (+)	P5FC2	N5FC2	5/16	1/8	11/16	1.10	0.84	.193
W6FC4	P6FC4	N6FC4	3/8	1/4	13/16	1.30	1.06	.250
W6FC6	P6FC6	N6FC6	3/8	3/8	13/16	1.30	1.03	.250
W8FC6 (+)	P8FC6	N8FC6	1/2	3/8	1	1.50	1.16	.375
W8FC8	P8FC8	N8FC8	1/2	1/2	1	1.50	1.27	.375
W10FC8 (+)	P10FC8	N10FC8	5/8	1/2	1-1/8	1.70	1.34	.500

EU - Elbow Union

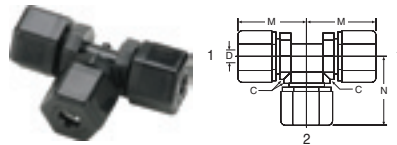
Tube-to-Tube



WHITE POLYPROPYLENE PART NUMBER	BLACK POLYPROPYLENE PART NUMBER	WHITE NYLON PART NUMBER	NOM. TUBE O.D.1	NOM. TUBE O.D.2	C HEX	M	N	D THRU HOLE MIN.
W4EU4	P4EU4	N4EU4	1/4	1/4	3/4	1.06	1.06	.170
W5EU4 (+)	P5EU4	N5EU4	5/16	1/4	3/4	1.06	1.06	.170
W5EU5 (+)	P5EU5	N5EU5	5/16	5/16	3/4	1.06	1.06	.193
W6EU4	P6EU4	N6EU4	3/8	1/4	7/8	1.06	1.28	.170
W6EU5 (+)	P6EU5	N6EU5	3/8	5/16	7/8	1.06	1.28	.170
W6EU6	P6EU6	N6EU6	3/8	3/8	7/8	1.28	1.28	.250
W8EU6	P8EU6	N8EU6	1/2	3/8	1-1/16	1.37	1.56	.250
W8EU8	P8EU8	N8EU8	1/2	1/2	1-1/16	1.56	1.56	.375
W10EU10 (+)	P10EU10	N10EU10	5/8	5/8	1-3/16	1.72	1.72	.500

TU - Tee Union

Tube-to-tube

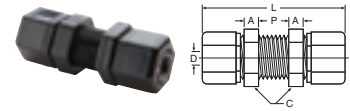


WHITE POLYPROPYLENE PART NUMBER	BLACK POLYPROPYLENE PART NUMBER	WHITE NYLON PART NUMBER	NOM. TUBE O.D.1	NOM. TUBE O.D.2	C HEX	M	N	D THRU HOLE MIN.
W4TU4	P4TU4	N4TU4	1/4	1/4	11/16	1.09	1.09	.170
W5TU5 (+)	P5TU5	N5TU5	5/16	5/16	11/16	1.09	1.09	.187
W6TU6	P6TU6	N6TU6	3/8	3/8	13/16	1.30	1.30	.250
W8TU6 (+)	P8TU6	N8TU6	1/2	3/8	1	1.46	1.39	.250
W8TU8	P8TU8	N8TU8	1/2	1/2	1	1.46	1.46	.375
W10TU6 (+)	P10TU6	N10TU6	5/8	3/8	1-1/8	1.68	1.46	.250
W10TU10 (+)	P10TU10	N10TU10	5/8	5/8	1-3/16	1.68	1.68	.500

NOTE: (+) non-standard

BU - Bulkhead Union

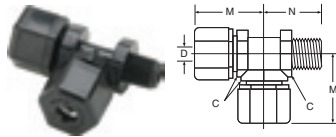
Tube-to-Tube



WHITE POLYPROPYLENE PART NUMBER	BLACK POLYPROPYLENE PART NUMBER	WHITE NYLON PART NUMBER	NOM TUBE O.D.	A REF.	C HEX	L OVERALL LENGTH	P MAX	D THRU HOLE MIN.	BULKHEAD HOLE DRILL SIZE
W4BU4	P4BU4	N4BU4	1/4	1/4	13/16	2-11/64	3/8	.170	21/32
W5BU5 (+)	P5BU5	N5BU5	5/16	1/4	13/16	2-11/64	3/8	.187	21/32
W6BU6	P6BU6	N6BU6	3/8	9/32	15/16	2-39/64	1/2	.250	25/32
W8BU8	P8BU8	N8BU8	1/2	5/16	1-5/32	2-3/4	1/2	.375	31/32

MR - Male Run Tee

Tube-to-Male Pipe



WHITE POLYPROPYLENE PART NUMBER	BLACK POLYPROPYLENE PART NUMBER	WHITE NYLON PART NUMBER	NOM TUBE O.D.	NPTF THD SIZE	C HEX	M	N	D THRU HOLE MIN.
W4MR2	P4MR2	N4MR2	1/4	1/8	11/16	1.09	0.89	.170
W6MR4	P6MR4	N6MR4	3/8	1/4	13/16	1.30	1.17	.250
W8MR6	P8MR6	N8MR6	1/2	3/8	1	1.46	1.28	.375
W10MR8 (+)	P10MR8	N10MR8	5/8	1/2	1-1/8	1.68	1.50	.500

GR - Grab Ring

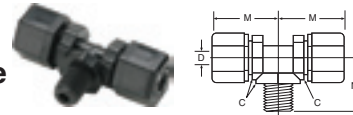
(Stainless or Plastic)



STAINLESS GRAB RING PART NUMBER	PLASTIC GRAB RING PART NUMBER	FOR NOM. TUBE O.D.
4GR	4GRP	1/4
5GR	5GRP	5/16
6GR	6GRP	3/8
8GR	8GRP	1/2
10GR	10GRP	5/8

MT - Male Branch Tee

Tube-to-Male Pipe



WHITE POLYPROPYLENE PART NUMBER	BLACK POLYPROPYLENE PART NUMBER	WHITE NYLON PART NUMBER	NOM. TUBE O.D.	NPTF THD SIZE	C HEX	M	N	D THRU HOLE MIN.
W4MT2	P4MT2	N4MT2	1/4	1/8	11/16	1.09	0.89	.170
W4MT4	P4MT4	N4MT4	1/4	1/4	11/16	1.09	1.06	.170
W5MT2 (+)	P5MT2	N5MT2	5/16	1/8	11/16	1.09	0.89	.170
W5MT4 (+)	P5MT4	N5MT4	5/16	1/4	11/16	1.09	1.06	.187
W6MT4	P6MT4	N6MT4	3/8	1/4	13/16	1.30	1.12	.250
W6MT6	P6MT6	N6MT6	3/8	3/8	13/16	1.30	1.10	.250
W8MT6	P8MT6	N8MT6	1/2	3/8	1	1.46	1.22	.375
W8MT8	P8MT8	N8MT8	1/2	1/2	1	1.46	1.43	.375
W10MT8 (+)	P10MT8	N10MT8	5/8	1/2	1-1/8	1.68	1.41	.500

NS - Nut and Spacer Sets



WHITE POLYPROPYLENE PART NUMBER	BLACK POLYPROPYLENE PART NUMBER	WHITE NYLON PARTNUMBER	FOR NOM. TUBE O.D.
W4NS	P4NS	N4NS	1/4
W5NS	P5NS	N5NS	5/16
W6NS	P6NS	N6NS	3/8
W8NS	P8NS	N8NS	1/2
W10NS	P10NS	N10NS	5/8

OR - O-Ring



O-RING PART NUMBER	FOR NOM. TUBE O.D.
4OR	1/4
5OR	5/16
6OR	3/8
8OR	1/2
10OR	5/8

NOTE: (+) non-standard