

Compression Fittings

Compression fittings are an excellent choice to connect rigid tubing systems and withstand higher pressures than barbed fittings. Assemble the fitting to the tubing by sliding the tubing through a sealing ferrule and using the nut to compress down to form a secure seal.

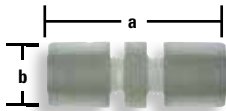
Note: Pressure ratings given are for smaller tubing ODs at 77°F (25°C). Ratings decrease with increases in tubing OD or temperature.

Brass. Good chemical resistance; rated to 400 psi. Temp range: -85 to 482°F (-65 to 250°C). Include brass ferrules; UL-listed for use with flammable liquids; meet ASA, ASME, and SAE (J512) standards.

PVDF. Excellent chemical resistance; rated to 220 psi. Temp range: -20 to 275°F (-29 to 135°C). Include plastic grippers. Sterilize by ethylene oxide or autoclave.

Nylon. Good chemical resistance. Temp range: -50 to 250°F (-46 to 121°C). Sterilize by ethylene oxide only.

Straight unions



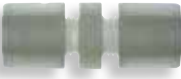
A
Nylon



B
Black PP



C
White PP



D
PVDF



E
PFA



F
Brass



G
316 SS



H
Parker
316 SS

Tubing OD	Material	Key	Dimensions			Standard packs			Bulk packs		
			a	b	Orifice	Catalog number	Qty/ pk	Price/ pk	Catalog number	Qty/ pk	Price/ pk
Straight unions											
1/16"	Brass	F	1"	5/16"	1/32"	TW-31412-50	1	\$ 8.45	—	—	—
1/16"	Parker, 316 SS	H	1 1/16"	5/16"	1/32"	TW-30486-70	1	31.00	—	—	—
1/8"	PFA	E	1 15/16"	1/2"	1/16"	TW-31320-21	1	34.50	—	—	—
1/8"	Brass	F	1 13/32"	7/16"	3/32"	TW-31412-51	1	6.60	—	—	—
1/8"	316 SS	G	7/16"	1 13/32"	7/16"	TW-31406-01	1	18.25	—	—	—
1/8"	Parker, 316 SS	H	1 3/8"	7/16"	3/32"	TW-30486-00	1	32.00	—	—	—
1/4"	Nylon	A	1"	5/8"	3/16"	TW-06382-11	10	20.00	TW-30803-03	100	\$ 120.00
1/4"	Black PP	B	1 5/8"	1 1/16"	5/32"	TW-06444-51	25	85.00	—	—	—
1/4"	White PP	C	1"	5/8"	3/16"	TW-06381-10	10	39.00	TW-30802-94	100	118.00
1/4"	PVDF	D	1"	5/8"	3/16"	TW-06381-90	1	21.25	TW-30805-00	10	85.00
1/4"	PFA	E	2 9/16"	5/8"	3/16"	TW-31320-22	1	40.00	—	—	—
1/4"	Brass	F	1 5/8"	1/2"	3/16"	TW-31412-00	1	5.95	—	—	—
1/4"	316 SS	G	7/16"	1 15/32"	7/16"	TW-31406-02	1	18.25	—	—	—
1/4"	Parker, 316 SS	H	1 5/32"	1/2"	3/16"	TW-30486-01	1	30.00	—	—	—
5/16"	Nylon	A	1 1/2"	1 1/16"	9/32"	TW-06382-12	10	25.00	TW-30803-04	100	238.00
5/16"	White PP	C	1 1/2"	1 1/16"	9/32"	TW-06381-20	10	39.00	TW-30802-95	100	238.00
5/16"	PVDF	D	1 1/2"	1 1/16"	9/32"	TW-06381-91	1	24.50	TW-30805-01	10	102.00
5/16"	Brass	F	1 1 1/16"	5/8"	1/4"	TW-31412-52	1	6.90	—	—	—
5/16"	316 SS	G	1 1 1/16"	5/8"	1/4"	TW-31406-50	1	20.75	—	—	—
5/16"	Parker, 316 SS	H	1 5/32"	9/16"	1/4"	TW-30486-02	1	37.00	—	—	—
3/8"	Nylon	A	1 1/4"	1 3/16"	1/4"	TW-06382-13	10	31.50	TW-30803-05	50	300.00
3/8"	White PP	C	1 1/4"	1 3/16"	1/4"	TW-06381-30	10	47.50	—	—	—
3/8"	Black PP	B	1 13/16"	1 9/16"	1/4"	TW-06444-52	25	109.00	—	—	—
3/8"	PVDF	D	1 1/4"	1 3/16"	1/4"	TW-06381-92	1	10.50	TW-30805-02	10	77.50
3/8"	PFA	E	2 7/32"	1 3/16"	9/32"	TW-31320-23	1	46.00	—	—	—
3/8"	Brass	F	1 13/16"	1 1/16"	9/32"	TW-31412-01	1	7.85	—	—	—
3/8"	316 SS	G	1 13/16"	1 1/16"	9/32"	TW-31406-03	1	23.75	—	—	—
3/8"	Parker, 316 SS	H	1 3/4"	5/8"	9/32"	TW-30486-03	1	41.50	—	—	—
1/2"	Nylon	A	1 13/32"	1 9/16"	3/8"	TW-06382-14	10	40.00	TW-30803-06	50	388.00
1/2"	White PP	C	1 13/32"	1 5/16"	3/8"	TW-06381-40	10	29.00	—	—	—
1/2"	Black PP	B	2 1/32"	1"	3/8"	TW-06444-54	25	132.00	—	—	—
1/2"	PVDF	D	1 13/32"	1 9/16"	3/8"	TW-06381-93	1	13.25	TW-30805-03	10	92.50
1/2"	PFA	E	2 3/4"	1 1/8"	3/8"	TW-31321-65	1	46.00	—	—	—
1/2"	Brass	F	2 1/8"	1 1 1/16"	13/32"	TW-31412-02	1	12.25	—	—	—
1/2"	316 SS	G	2 1/8"	1 1 1/16"	13/32"	TW-31406-04	1	37.00	—	—	—
1/2"	Parker, 316 SS	H	2"	1 3/16"	13/32"	TW-30486-04	1	61.00	—	—	—
5/8"	Nylon	A	1 17/32"	1 1/16"	1/2"	TW-06382-15	10	46.50	TW-30803-07	50	450.00
5/8"	White PP	C	1 17/32"	1 1/16"	1/2"	TW-06381-50	10	46.50	—	—	—
5/8"	Black PP	B	2 13/32"	1 1/4"	1/2"	TW-06444-56	25	157.00	—	—	—
5/8"	PVDF	D	1 17/32"	1 1/16"	1/2"	TW-06381-94	1	41.50	TW-30805-04	10	213.00
5/8"	Brass	F	2 1/32"	1"	1/2"	TW-31412-53	1	17.00	—	—	—
5/8"	316 SS	G	2 1/32"	1"	1/2"	TW-31406-51	1	51.00	—	—	—
5/8"	Parker, 316 SS	H	2 1/32"	1"	1/2"	TW-30486-05	1	82.50	—	—	—
3/4"	White PP	C	1 3/4"	1 5/8"	5/8"	TW-06381-60	10	74.00	—	—	—
3/4"	PFA	E	2 1/2"	1 3/16"	1 1/16"	TW-31320-24	1	79.00	—	—	—
3/4"	PVDF	D	1 3/4"	1 3/16"	5/8"	TW-06381-95	1	53.50	TW-30805-05	10	269.00
3/4"	Brass	F	2 1/8"	1 1/16"	5/8"	TW-31412-03	1	21.25	—	—	—
3/4"	316 SS	G	2 1/8"	1 1/8"	5/8"	TW-31406-52	1	58.50	—	—	—
3/4"	Parker, 316 SS	H	2 3/32"	1 3/16"	5/8"	TW-30486-06	1	100.00	—	—	—

Find MORE!

For rigid and other types of tubing, see our "Tubing" section on pages 1823-1859.

PFA. Superior chemical resistance; rated to 150 psi (40 psi without grooving tool).
Temp range: up to 347°F (175°C). Include built-in ferrules. Sterilize by either ethylene oxide or autoclave.

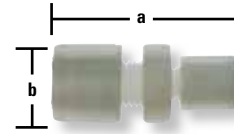
Polypropylene (PP). Very good chemical resistance.

Black: Rated to 300 psi. Temp range: 0 to 212°F (-17 to 100°C). With SS gripping rings.
Sterilize by autoclave.

White: Rated to 220 psi. Temp range: 32 to 212°F (0 to 100°C). With plastic grippers. Sterilize by ethylene oxide.

Stainless steel (316 SS). Very good chemical resistance; pressure limit depends on the tubing used, not the fitting. Temp range: -40 to 200°F (-40 to 93°C). Include ferrules. Sterilize by either ethylene oxide, autoclave, or gamma irradiation.

Reducing unions



I
Nylon



J
White PP



K
PVDF



L
PFA



M
Brass



N
316 SS



O
Parker
316 SS

Tubing OD	Material	Key	Dimensions			Standard packs			Bulk packs		
			a	b	Orifice	Catalog number	Qty/ pk	Price/ pk	Catalog number	Qty/ pk	Price/ pk
Reducing unions											
1/4" x 1/8"	White PP	J	1 1/16" [†]	5/8"	3/32"	TW-06381-05	10	\$ 31.50	—	—	—
1/4" x 1/8"	PVDF	K	1 5/8" [†]	5/8"	3/32"	TW-06381-80	1	5.95	TW-30805-06	10	\$ 44.00
1/4" x 1/8"	PFA	L	2"	5/8"	1/16"	TW-31320-00	1	37.00	—	—	—
1/4" x 1/8"	316 SS	N	1 1/32"	1/2"	3/32"	TW-31406-23	1	20.75	—	—	—
1/4" x 1/8"	Parker, 316 SS	O	1 1/2"	1/2"	3/32"	TW-30486-08	1	34.50	—	—	—
5/16" x 1/4"	Nylon	I	1 27/32" [†]	1 1/16"	7/32"	TW-06382-17	10	25.00	TW-30803-09	100	238.00
5/16" x 1/4"	White PP	J	1 27/32" [†]	1 1/16"	7/32"	TW-06381-70	10	25.00	TW-30815-01	100	237.50
5/16" x 1/4"	PVDF	K	1 7/8" [†]	1 1/16"	7/32"	TW-06381-81	1	20.75	TW-30805-07	10	89.00
5/16" x 1/4"	Brass	M	1 1/16"	9/16"	3/16"	TW-31412-54	1	6.60	—	—	—
5/16" x 1/4"	316 SS	N	1 21/32"	9/16"	3/16"	TW-31406-24	1	20.00	—	—	—
5/16" x 1/4"	Parker, 316 SS	O	1 21/32"	9/16"	3/16"	TW-30486-09	1	37.00	—	—	—
3/8" x 1/4"	Nylon	I	2 1/16" [†]	1 3/16"	7/32"	TW-06382-18	10	30.00	TW-30803-10	100	275.00
3/8" x 1/4"	White PP	J	2 1/16" [†]	1 3/16"	7/32"	TW-06381-72	10	21.25	—	—	—
3/8" x 1/4"	PVDF	K	2 1/32" [†]	1 3/16"	7/32"	TW-06381-82	1	8.75	TW-30805-08	10	67.50
3/8" x 1/4"	PFA	L	2 1/8"	1 3/16"	3/16"	TW-31320-01	1	47.50	—	—	—
3/8" x 1/4"	Brass	M	1 11/16"	5/8"	3/16"	TW-31412-25	1	8.45	—	—	—
3/8" x 1/4"	316 SS	N	1 11/16"	5/8"	3/16"	TW-31406-25	1	23.75	—	—	—
3/8" x 1/4"	Parker, 316 SS	O	1 11/16"	5/8"	3/16"	TW-30486-10	1	45.00	—	—	—
3/8" x 5/16"	316 SS	N	1 3/4"	5/8"	1/4"	TW-31406-26	1	24.50	—	—	—
3/8" x 5/16"	Parker, 316 SS	O	1 3/4"	5/8"	1/4"	TW-30486-11	1	46.00	—	—	—
1/2" x 3/8"	Nylon	I	2 13/32" [†]	1 5/16"	1 1/32"	TW-06382-19	10	36.50	TW-30803-11	10	344.00
1/2" x 3/8"	White PP	J	2 13/32" [†]	1 5/16"	1 1/32"	TW-06381-74	10	25.00	—	—	—
1/2" x 3/8"	PVDF	K	2 11/32" [†]	1 5/16"	1 1/32"	TW-06381-83	1	34.00	TW-30805-09	10	163.00
1/2" x 1/2"	PFA	L	2 1/8"	1 5/16"	1/16"	TW-31320-02	1	53.50	—	—	—
1/2" x 1/4"	PFA	L	2 3/32"	1 5/16"	3/16"	TW-31320-03	1	53.50	—	—	—
1/2" x 1/4"	Brass	M	1 27/32"	7/8"	3/16"	TW-31412-56	1	12.50	—	—	—
1/2" x 1/4"	316 SS	N	1 27/32"	1 3/16"	3/16"	TW-31406-27	1	37.50	—	—	—
1/2" x 1/4"	Parker, 316 SS	O	1 27/32"	1 3/16"	3/16"	TW-30486-12	1	65.00	—	—	—
1/2" x 3/8"	PFA	L	2 3/16"	1 5/16"	9/32"	TW-31320-04	1	54.50	—	—	—
1/2" x 3/8"	Brass	M	1 29/32"	1 3/16"	9/32"	TW-31412-28	1	12.50	—	—	—
1/2" x 3/8"	316 SS	N	1 29/32"	1 3/16"	9/32"	TW-31406-28	1	37.50	—	—	—
1/2" x 3/8"	Parker, 316 SS	O	1 29/32"	1 3/16"	1/4"	TW-30486-13	1	65.00	—	—	—
5/8" x 3/8"	White PP	J	2 7/16" [†]	1 1/16"	1 1/32"	TW-06381-76	1	42.50	—	—	—
5/8" x 3/8"	PVDF	K	2 7/16" [†]	1 1/16"	1 1/32"	TW-06381-84	1	37.00	TW-30805-10	10	188.00
5/8" x 3/8"	Brass	M	1 19/16"	1"	1/4"	TW-31412-57	1	17.00	—	—	—
5/8" x 3/8"	316 SS	N	1 19/16"	1"	1/4"	TW-31406-54	1	49.00	—	—	—
5/8" x 3/8"	Parker, 316 SS	O	1 19/16"	1 5/16"	1/4"	TW-30486-14	1	90.00	—	—	—
3/4" x 1/2"	PFA	L	2 19/32"	1 3/16"	7/16"	TW-31320-05	1	64.00	—	—	—
3/4" x 1/2"	Brass	M	2 19/32"	1 3/16"	7/16"	TW-31412-58	1	21.25	—	—	—
3/4" x 1/2"	316 SS	N	2 19/32"	1 3/16"	7/16"	TW-31406-55	1	62.50	—	—	—
3/4" x 1/2"	Parker, 316 SS	O	2 19/32"	1 3/16"	7/16"	TW-30486-15	1	120.00	—	—	—

[†]Dimension refers to the threaded portion.

The Perfect MATCH!

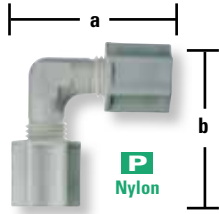
Use our interactive chemical compatibility database to find the right material for the job. Go to . . .

ColeParmer.com/chemchart



See next page for more...

Union elbows



Compression Fittings (continued)

Compression fittings are an excellent choice to connect rigid tubing systems and withstand higher pressures than barbed fittings. Assemble the fitting to the tubing by sliding the tubing through a sealing ferrule and using the nut to compress down to form a secure seal.

Note: Pressure ratings given are for smaller tubing ODs at 77°F (25°C). Ratings decrease with increases in tubing OD or temperature.

For materials descriptions, refer to pages 526–527.

Tubing OD	Material	Key	Dimensions			Standard packs			Bulk packs		
			a	b	Orifice	Catalog number	Qty/ pk	Price/ pk	Catalog number	Qty/ pk	Price/ pk
Union elbows											
1/16"	316 SS	V	1 1/16"	5/16"	1/32"	TW-31406-56	1	\$ 41.50	—	—	—
1/16"	Parker, 316 SS	W	1 1/16"	1 1/16"	1/32"	TW-30486-17	1	75.00	—	—	—
1/8"	PFA	T	1 13/32"	1 13/32"	1/16"	TW-31320-25	1	34.50	—	—	—
1/8"	Brass	U	7/8"	7/16"	1/16"	TW-31412-06	1	12.00	—	—	—
1/8"	316 SS	V	7/8"	7/16"	1/16"	TW-31406-06	1	24.50	—	—	—
1/8"	Parker, 316 SS	W	7/8"	7/8"	1/16"	TW-30486-18	1	40.00	—	—	—
1/4"	Nylon	P	1 1/8"	1 1/8"	7/32"	TW-06382-21	10	30.00	TW-30803-14	10	\$125.00
1/4"	White PP	R	1 1/8"	1 1/8"	7/32"	TW-06383-10	10	21.25	—	—	—
1/4"	Black PP	Q	1 1/16"	1 1/16"	9/32"	TW-06444-41	25	182.00	—	—	—
1/4"	PVDF	S	1 1/8"	1 1/8"	7/32"	TW-06383-50	1	7.50	TW-30805-11	10	54.00
1/4"	PFA	T	1 17/32"	1 17/32"	3/16"	TW-31320-26	1	40.00	—	—	—
1/4"	Brass	U	1 1/32"	9/16"	3/16"	TW-31412-07	1	9.70	—	—	—
1/4"	316 SS	V	1 1/32"	9/16"	3/16"	TW-31406-07	1	26.50	—	—	—
1/4"	Parker, 316 SS	W	1 1/32"	1 1/32"	3/16"	TW-30486-19	1	45.00	—	—	—
5/16"	White PP	R	1 1/4"	1 1/4"	9/32"	TW-06383-20	10	32.50	—	—	—
5/16"	PVDF	W	1 1/4"	1 1/4"	9/32"	TW-06383-60	1	20.75	TW-30805-12	10	94.00
3/8"	Nylon	P	1 11/32"	1 11/32"	1/4"	TW-06382-22	10	40.00	TW-30803-15	50	388.00
3/8"	White PP	R	1 11/32"	1 11/32"	1/4"	TW-06383-30	10	27.50	—	—	—
3/8"	Black PP	Q	1 23/32"	1 23/32"	1/4"	TW-06444-42	25	138.00	—	—	—
3/8"	PVDF	S	1 11/32"	1 11/32"	1/4"	TW-06383-70	1	10.50	TW-30805-13	10	77.50
3/8"	PFA	T	1 29/32"	1 29/32"	9/32"	TW-31320-27	1	46.00	—	—	—
3/8"	Brass	U	1 3/16"	1 3/16"	9/32"	TW-31412-08	1	12.50	—	—	—
3/8"	316 SS	V	1 3/16"	1 1/16"	1/4"	TW-31406-08	1	31.50	—	—	—
3/8"	Parker, 316 SS	W	1 3/16"	1 3/16"	1/4"	TW-30486-20	1	52.50	—	—	—
1/2"	White PP	R	1 9/16"	1 9/16"	3/8"	TW-06383-40	10	32.00	—	—	—
1/2"	Black PP	Q	2 3/32"	2 3/32"	3/8"	TW-06444-44	25	169.00	—	—	—
1/2"	PVDF	S	1 9/16"	1 9/16"	3/8"	TW-06383-80	1	13.25	TW-30805-14	10	96.50
1/2"	PFA	T	1 3/4"	1 3/4"	3/8"	TW-31321-67	1	54.50	—	—	—
1/2"	Brass	U	1 3/16"	1 3/8"	13/32"	TW-31412-09	1	17.50	—	—	—
1/2"	316 SS	V	1 3/8"	1 3/16"	13/32"	TW-31406-09	1	51.50	—	—	—
1/2"	Parker, 316 SS	W	1 3/32"	1 13/32"	13/32"	TW-30486-21	1	81.50	—	—	—
5/8"	White PP	R	1 13/16"	1 13/16"	1/2"	TW-06383-42	10	80.00	—	—	—
5/8"	Black PP	Q	2 5/16"	2 5/16"	1/2"	TW-06444-46	25	188.00	—	—	—
5/8"	PVDF	S	1 13/16"	1 13/16"	1/2"	TW-06383-82	1	41.50	TW-30805-15	10	213.00
5/8"	Brass	U	1 1/2"	1"	1/2"	TW-31412-60	1	22.00	—	—	—
5/8"	316 SS	V	1 1/2"	1"	1/2"	TW-31406-57	1	57.00	—	—	—
5/8"	Parker, 316 SS	W	1 13/32"	1 13/32"	1/2"	TW-30486-22	1	99.00	—	—	—
3/4"	PFA	T	2 13/32"	2 13/32"	1 1/16"	TW-31320-28	1	77.50	—	—	—
3/4"	Brass	U	1 9/16"	1 1/8"	19/32"	TW-31412-61	1	55.00	—	—	—
3/4"	316 SS	V	1 9/16"	1 1/8"	19/32"	TW-31406-58	1	87.50	—	—	—
3/4"	Parker, 316 SS	W	1 17/32"	1 17/32"	19/32"	TW-30486-23	1	157.00	—	—	—



Unique Products



Exceptional Service



Technical Support

You'll find it all
at Cole-Parmer!



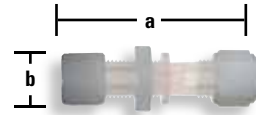
Cole-Parmer®
Delivering Solutions You Trust

Fittings

Compression, Bulkhead / Tees



Bulkhead unions



X
Nylon

Compression fittings are an excellent choice to connect rigid tubing systems and withstand higher pressures than barbed fittings. Assemble the fitting to the tubing by sliding the tubing through a sealing ferrule and using the nut to compress down to form a secure seal.

Note: Pressure ratings given are for smaller tubing ODs at 77°F (25°C). Ratings decrease with increases in tubing OD or temperature.

For materials descriptions, refer to pages 526–527.

Tubing OD	Material	Key	Dimensions			Standard packs			Bulk packs		
			a	b	Orifice	Catalog number	Qty/ pk	Price/ pk	Catalog number	Qty/ pk	Price/ pk
Bulkhead unions											
1/8"	PFA	AB	2 1/4"	1/2"	1/16"	TW-31320-82	1	\$ 64.00	—	—	—
1/8"	316 SS	AD	2 1/2"	1/2"	3/32"	TW-31406-12	1	35.00	—	—	—
1/4"	Nylon	X	2 3/32" [†]	5/8"	7/32"	TW-06382-26	10	32.50	TW-30803-19	50	\$300.00
1/4"	Black PP	Y	2 3/16"	23/32"	5/32"	TW-06444-30	25	225.00	—	—	—
1/4"	White PP	Z	2 7/32" [†]	3/8"	7/32"	TW-06390-10	10	23.75	—	—	—
1/4"	PVDF	AA	2 9/32" [†]	5/8"	7/32"	TW-06390-50	1	8.75	TW-30805-16	10	66.50
1/4"	PFA	AB	2 3/8"	3/8"	3/16"	TW-31320-83	1	65.00	—	—	—
1/4"	Brass	AC	2 9/32"	3/16"	3/16"	TW-31412-13	1	9.10	—	—	—
1/4"	316 SS	AD	2 9/32"	5/8"	3/16"	TW-31406-13	1	26.50	—	—	—
5/16"	Nylon	X	2 9/16" [†]	1 1/16"	9/32"	TW-06382-27	10	34.00	TW-30803-20	50	313.00
5/16"	White PP	Z	2 9/16" [†]	1 1/16"	9/32"	TW-06390-20	10	23.75	—	—	—
5/16"	PVDF	AA	2 1 1/32" [†]	1 1/16"	9/32"	TW-06390-60	1	29.00	TW-30805-17	10	125.00
5/16"	Brass	AC	2 3/8"	3/8"	1/4"	TW-31412-62	1	10.00	—	—	—
5/16"	316 SS	AD	2 3/8"	3/8"	1/4"	TW-31406-59	1	30.00	—	—	—
3/8"	Nylon	X	2 1 1/16"	13/16"	1 1/32"	TW-06382-28	10	40.00	TW-30803-21	50	388.00
3/8"	Black PP	Y	2 5/8"	1 9/16"	1/4"	TW-06444-32	25	207.00	—	—	—
3/8"	White PP	Z	2 1 9/16" [†]	1 9/16"	1 1/32"	TW-06390-30	10	27.50	—	—	—
3/8"	PVDF	AA	2 1 3/32" [†]	1 3/16"	1 1/32"	TW-06390-70	1	37.50	TW-30805-18	10	175.00
3/8"	PFA	AB	2 3 3/32"	1 9/16"	9/32"	TW-31320-84	1	66.50	—	—	—
3/8"	Brass	AC	2 1 5/32"	1 3/32"	9/32"	TW-31412-14	1	11.00	—	—	—
3/8"	316 SS	AD	2 1 5/32"	3/4"	9/32"	TW-31406-14	1	37.00	—	—	—
1/2"	Nylon	X	3 3/32"	1 9/16"	1 5/32"	TW-06382-29	10	51.50	TW-30803-22	50	500.00
1/2"	Black PP	Y	2 3/4"	1 5/32"	3/8"	TW-06444-34	25	438.00	—	—	—
1/2"	White PP	Z	3 1/32" [†]	1 5/16"	1 5/32"	TW-06390-40	10	34.50	—	—	—
1/2"	PVDF	AA	2 29/32" [†]	1 9/16"	1 5/32"	TW-06390-80	1	42.00	TW-30805-19	10	207.00
1/2"	Brass	AC	2 25/32"	7/8"	1 9/32"	TW-31412-63	1	16.25	—	—	—
1/2"	316 SS	AD	2 25/32"	7/8"	1 3/32"	TW-31406-15	1	53.50	—	—	—
3/4"	White PP	Z	3 3 3/32" [†]	1 9/16"	9/8"	TW-06390-42	10	89.00	—	—	—
3/4"	PVDF	AA	3 2 3/32" [†]	1 9/16"	9/8"	TW-06390-82	1	61.50	—	—	—
3/4"	PFA	AB	3 3 3/32"	1 9/16"	1 1/16"	TW-31320-85	1	86.50	—	—	—
3/4"	Brass	AC	3 3 3/32"	1 1/8"	9/8"	TW-31412-64	1	27.50	—	—	—
3/4"	316 SS	AD	3 3 3/32"	1 1/8"	9/8"	TW-31406-60	1	85.00	—	—	—



Y
Black PP



Z
White PP



AA
PVDF



AB
PFA



AC
Brass

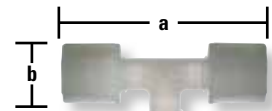


AD
316 SS

Union tees

1/16"	Brass	AJ	1 3/8"	5/16"	1/32"	TW-31412-65	1	19.50	—	—	—
1/16"	316 SS	AK	2 9/32"	3/8"	1/32"	TW-31406-16	1	59.50	—	—	—
1/16"	Parker, 316 SS	AL	1 13/32"	3/8"	1/32"	TW-30486-25	1	107.00	—	—	—
1/8"	Nylon	AE	1 1/8"	3/4"	3/32"	TW-06382-31	10	26.50	TW-30803-23	100	250.00
1/8"	White PP	AG	1 1/8"	3/4"	3/32"	TW-06382-05	10	20.00	—	—	—
1/8"	PVDF	AH	1 1/8"	3/4"	3/32"	TW-06382-45	1	7.50	TW-30805-21	10	54.00
1/8"	PFA	AI	2 5/16"	1 13/32"	1/16"	TW-31320-29	1	43.50	—	—	—
1/8"	Brass	AJ	7/8"	3/8"	3/32"	TW-31412-17	1	15.00	—	—	—
1/8"	316 SS	AK	7/8"	3/8"	3/32"	TW-31406-17	1	38.50	—	—	—
1/4"	Nylon	AE	1 1 5/32"	1 1/32"	7/32"	TW-06382-32	10	26.50	TW-30803-24	50	207.00
1/4"	White PP	AG	1 1 5/32"	1 1/32"	7/32"	TW-06382-10	10	27.50	—	—	—
1/4"	Black PP	AF	2 3/16"	1 7/16"	5/32"	TW-06444-61	25	207.00	—	—	—
1/4"	PVDF	AH	1 1 5/32"	1 1/32"	7/32"	TW-06382-50	1	8.75	TW-30805-22	10	62.50
1/4"	PFA	AI	2 1 3/32"	1 7/32"	3/16"	TW-31320-30	1	55.00	—	—	—
1/4"	Brass	AJ	2 3/32"	9/16"	3/16"	TW-31412-18	1	13.25	—	—	—
1/4"	316 SS	AK	2 3/32"	9/16"	3/16"	TW-31406-18	1	35.00	—	—	—
1/4"	Parker, 316 SS	AL	2 3/32"	9/16"	3/16"	TW-30486-27	1	61.00	—	—	—
5/16"	Nylon	AE	1 5/8"	1 5/32"	9/32"	TW-06382-33	10	41.50	TW-30803-25	50	500.00
5/16"	White PP	AG	1 5/8"	1 5/32"	9/32"	TW-06382-20	10	40.00	—	—	—
5/16"	PVDF	AH	1 5/8"	1 5/32"	9/32"	TW-06382-60	1	29.00	TW-30805-23	10	125.00
5/16"	Brass	AJ	2 5/16"	5/8"	1/4"	TW-31412-66	1	16.25	—	—	—
5/16"	316 SS	AK	2 5/16"	5/8"	1/4"	TW-31406-61	1	39.50	—	—	—
5/16"	Parker, 316 SS	AL	1 9/16"	5/8"	1/4"	TW-30486-28	1	72.50	—	—	—

Union tees



AE
Nylon



AF
Black PP

[†]Dimension refers to the threaded portion.

See next page for more...

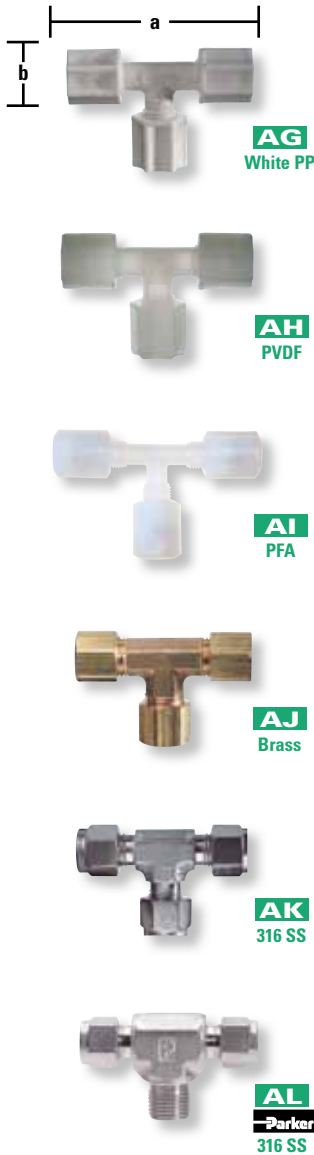
Compression Fittings (continued)

Compression fittings are an excellent choice to connect rigid tubing systems and withstand higher pressures than barbed fittings. Assemble the fitting to the tubing by sliding the tubing through a sealing ferrule and using the nut to compress down to form a secure seal.

Note: Pressure ratings given are for smaller tubing ODs at 77°F (25°C). Ratings decrease with increases in tubing OD or temperature.

For materials descriptions, refer to pages 526–527.

Union tees (continued)



Tubing OD	Material	Key	Dimensions			Standard packs			Bulk packs		
			a	b	Orifice	Catalog number	Qty/ pk	Price/ pk	Catalog number	Qty/ pk	Price/ pk
Union tees—continued											
8 mm	PFA	AS	73 mm	45 mm	6 mm	TW-31321-48	1	\$ 64.00	—	—	—
3/8"	Nylon	AE	1 1/16"	1 3/8"	1/4"	TW-06382-34	10	51.50	TW-30803-26	50	\$738.00
3/8"	White PP	AG	1 1/16"	1 3/8"	1/4"	TW-06382-30	10	33.50	—	—	—
3/8"	Black PP	AF	2 3/8"	1 23/32"	1/4"	TW-06444-62	25	188.00	—	—	—
3/8"	PVDF	AH	1 1/16"	1 3/8"	1/4"	TW-06382-70	1	15.00	TW-30805-24	10	105.00
3/8"	PFA	AI	3"	1 23/32"	5/16"	TW-31320-31	1	58.50	—	—	—
3/8"	Brass	AJ	1 3/16"	5/8"	3/32"	TW-31412-19	1	16.25	—	—	—
3/8"	316 SS	AK	2 3/8"	1 1/16"	1/4"	TW-31406-19	1	44.50	—	—	—
3/8"	Parker, 316 SS	AL	2 3/8"	5/8"	1/4"	TW-30486-29	1	77.50	—	—	—
1/2"	Nylon	AE	2 7/32"	1 13/32"	3/8"	TW-06382-35	10	61.50	TW-30803-27	50	600.00
1/2"	White PP	AG	2 7/32"	1 13/32"	3/8"	TW-06382-40	10	62.50	—	—	—
1/2"	Black PP	AF	2 1/16"	1 31/32"	3/8"	TW-06444-64	25	375.00	—	—	—
1/2"	PVDF	AH	2 1/2"	1 13/32"	3/8"	TW-06382-80	1	17.50	—	—	—
1/2"	PFA	AI	2 1/16"	1 15/16"	7/16"	TW-31320-32	1	78.50	—	—	—
1/2"	Brass	AJ	2 1/16"	7/8"	13/32"	TW-31412-20	1	23.75	—	—	—
1/2"	316 SS	AK	2 13/16"	7/8"	13/32"	TW-31406-20	1	67.50	—	—	—
1/2"	Parker, 316 SS	AL	2 13/16"	1 1/8"	13/32"	TW-30486-30	1	114.00	—	—	—
5/8"	White PP	AG	2 17/32"	1 13/16"	1/2"	TW-06382-42	10	66.50	—	—	—
5/8"	Black PP	AF	3 3/8"	2 3/32"	1/2"	TW-06444-66	25	388.00	—	—	—
5/8"	PVDF	AH	2 17/32"	1 13/16"	1/2"	TW-06382-82	1	61.50	—	—	—
5/8"	Brass	AJ	3 1/2"	1"	1/2"	TW-31412-67	1	29.50	—	—	—
5/8"	316 SS	AK	3 1/2"	1"	1/2"	TW-31406-62	1	80.00	—	—	—
5/8"	Parker, 316 SS	AL	2 27/32"	7/8"	1/2"	TW-30486-31	1	138.00	—	—	—
3/4"	PFA	AI	3 3/8"	2 13/32"	11/16"	TW-31320-33	1	107.00	—	—	—
3/4"	Brass	AJ	3 1/8"	1 1/8"	19/32"	TW-31412-68	1	39.50	—	—	—
3/4"	316 SS	AK	3 1/8"	1 1/8"	19/32"	TW-31406-63	1	103.00	—	—	—
3/4"	Parker, 316 SS	AL	3 3/8"	1 1/8"	19/32"	TW-30486-62	1	80.00	—	—	—
3/4"	Nylon	AE	1 9/8"	1 1/2"	3/32"	TW-06382-33	10	41.50	TW-30803-25	50	500.00
3/4"	White PP	AG	1 3/8"	1 3/32"	3/32"	TW-06382-20	10	40.00	—	—	—
3/4"	PVDF	AH	1 5/8"	1 3/32"	3/32"	TW-06382-60	1	29.00	TW-30805-23	10	125.00
3/4"	Brass	AJ	2 3/16"	5/8"	1/4"	TW-31412-66	1	16.25	—	—	—
3/4"	316 SS	AK	2 5/16"	5/8"	1/4"	TW-31406-61	1	39.50	—	—	—
3/4"	Parker, 316 SS	AL	1 5/16"	5/8"	1/4"	TW-30486-28	1	72.50	—	—	—
8 mm	PFA	AI	73 mm	45 mm	6 mm	TW-31321-48	1	64.00	—	—	—
3/8"	Nylon	AE	1 1/16"	1 3/8"	1/4"	TW-06382-34	10	51.50	TW-30803-26	50	738.00
3/8"	White PP	AG	1 1/16"	1 3/8"	1/4"	TW-06382-30	10	33.50	—	—	—
3/8"	Black PP	AF	2 3/8"	1 23/32"	1/4"	TW-06444-62	25	188.00	—	—	—
3/8"	PVDF	AH	1 1/16"	1 3/8"	1/4"	TW-06382-70	1	15.00	TW-30805-24	10	105.00
3/8"	PFA	AI	3"	1 23/32"	5/16"	TW-31320-31	1	58.50	—	—	—
3/8"	Brass	AJ	1 3/16"	5/8"	3/32"	TW-31412-19	1	16.25	—	—	—
3/8"	316 SS	AK	2 3/8"	1 1/16"	1/4"	TW-31406-19	1	44.50	—	—	—
3/8"	Parker, 316 SS	AL	2 3/8"	5/8"	1/4"	TW-30486-29	1	77.50	—	—	—
1/2"	Nylon	AE	2 7/32"	1 13/32"	3/8"	TW-06382-35	10	61.50	TW-30803-27	50	600.00
1/2"	White PP	AG	2 7/32"	1 13/32"	3/8"	TW-06382-40	10	62.50	—	—	—
1/2"	Black PP	AF	2 1/16"	1 31/32"	3/8"	TW-06444-64	25	375.00	—	—	—
1/2"	PVDF	AH	2 1/2"	1 13/32"	3/8"	TW-06382-80	1	17.50	—	—	—
1/2"	PFA	AI	2 1/16"	1 15/16"	7/16"	TW-31320-32	1	78.50	—	—	—
1/2"	Brass	AJ	2 1/16"	7/8"	13/32"	TW-31412-20	1	23.75	—	—	—
1/2"	316 SS	AK	2 13/16"	7/8"	13/32"	TW-31406-20	1	67.50	—	—	—
1/2"	Parker, 316 SS	AL	2 13/16"	1 1/8"	13/32"	TW-30486-30	1	114.00	—	—	—
5/8"	White PP	AG	2 17/32"	1 13/16"	1/2"	TW-06382-42	10	66.50	—	—	—
5/8"	Black PP	AF	3 3/8"	2 3/32"	1/2"	TW-06444-66	25	388.00	—	—	—
5/8"	PVDF	AH	2 17/32"	1 13/16"	1/2"	TW-06382-82	1	61.50	—	—	—
5/8"	Brass	AJ	3 1/2"	1"	1/2"	TW-31412-67	1	29.50	—	—	—
5/8"	316 SS	AK	3 1/2"	1"	1/2"	TW-31406-62	1	80.00	—	—	—
5/8"	Parker, 316 SS	AL	2 27/32"	7/8"	1/2"	TW-30486-31	1	138.00	—	—	—
3/4"	PFA	AI	3 3/8"	2 13/32"	11/16"	TW-31320-33	1	107.00	—	—	—
3/4"	Brass	AJ	3 1/8"	1 1/8"	19/32"	TW-31412-68	1	39.50	—	—	—
3/4"	316 SS	AK	3 1/8"	1 1/8"	19/32"	TW-31406-63	1	103.00	—	—	—
3/4"	Parker, 316 SS	AL	3 3/8"	1 1/8"	19/32"	TW-30486-62	1	80.00	—	—	—



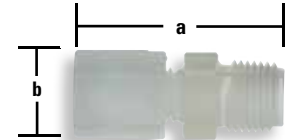
Compression fittings are an excellent choice to connect rigid tubing systems and withstand higher pressures than barbed fittings. Assemble the fitting to the tubing by sliding the tubing through a sealing ferrule and using the nut to compress down to form a secure seal.

Note: Pressure ratings given are for smaller tubing ODs at 77°F (25°C). Ratings decrease with increases in tubing OD or temperature.

For materials descriptions, refer to pages 526–527.

Tubing OD	Material	Key	Dimensions			Standard packs			Bulk packs		
			a	b	Orifice	Catalog number	Qty/pk	Price/pk	Catalog number	Qty/pk	Price/pk
Male threaded adapters (straight), tubing OD x NPT(M)											
1/16" x 1/16"	316 SS	AS	15/16"	5/16"	1/16"	TW-31406-33	1	\$ 17.50	—	—	—
1/16" x 1/16"	Parker, 316 SS	AT	29/32"	5/16"	1/32"	TW-30486-34	1	32.00	—	—	—
1/8" x 1/8"	Nylon	AM	7/8"	7/16"	3/32"	TW-06382-36	10	20.00	TW-30803-28	100	\$123.00
1/8" x 1/8"	White PP	AO	7/8"	7/16"	3/32"	TW-06385-05	10	9.40	TW-30815-21	100	54.00
1/8" x 1/8"	PVDF	AP	7/8"	7/16"	3/32"	TW-06385-80	1	4.70	TW-30805-27	10	32.00
1/8" x 1/8"	PFA	AQ	15/16"	1/2"	1/16"	TW-31320-07	1	32.50	—	—	—
1/8" x 1/8"	Brass	AR	17/32"	7/16"	3/32"	TW-31412-34	1	5.35	—	—	—
1/8" x 1/8"	316 SS	AS	13/16"	7/16"	1/16"	TW-31406-34	1	12.00	—	—	—
1/8" x 1/8"	Parker, 316 SS	AT	13/16"	7/16"	1/16"	TW-30486-35	1	22.00	—	—	—
1/8" x 1/8"	PFA	AQ	17/32"	31/32"	3/32"	TW-31321-69	1	31.50	—	—	—
1/4" x 1/8"	Nylon	AM	1"	5/8"	7/32"	TW-06382-37	10	12.50	TW-30803-29	100	82.50
1/4" x 1/8"	White PP	AO	1"	5/8"	7/32"	TW-06385-10	10	11.25	TW-30815-22	100	77.50
1/4" x 1/8"	Black PP	AN	13/8"	11/16"	5/32"	TW-06444-00	25	55.00	—	—	—
1/4" x 1/8"	PVDF	AP	1"	5/8"	7/32"	TW-06385-81	1	5.95	TW-30805-28	10	37.50
1/4" x 1/8"	PFA	AQ	123/32"	5/8"	3/16"	TW-31320-08	1	34.50	—	—	—
1/4" x 1/8"	Brass	AR	17/32"	9/16"	5/32"	TW-31412-69	1	4.40	—	—	—
1/4" x 1/8"	316 SS	AS	17/32"	9/16"	5/32"	TW-31406-64	1	12.00	—	—	—
1/4" x 1/8"	Parker, 316 SS	AT	17/32"	1/2"	5/32"	TW-30486-36	1	20.00	—	—	—
1/4" x 1/4"	Nylon	AM	13/16"	5/8"	7/32"	TW-06382-38	10	13.75	TW-30803-30	100	87.50
1/4" x 1/4"	White PP	AO	13/16"	5/8"	7/32"	TW-06385-20	10	12.50	TW-30815-23	100	79.00
1/4" x 1/4"	Black PP	AN	1 1/2"	11/16"	5/32"	TW-06444-01	25	55.00	—	—	—
1/4" x 1/4"	PVDF	AP	13/16"	5/8"	7/32"	TW-06385-82	1	5.95	TW-30805-29	10	39.00
1/4" x 1/4"	PFA	AQ	123/32"	5/8"	3/16"	TW-31320-09	1	36.00	—	—	—
1/4" x 1/4"	Brass	AR	17/32"	9/16"	3/16"	TW-31412-35	1	4.40	—	—	—
1/4" x 1/4"	316 SS	AS	17/32"	9/16"	17/32"	TW-31406-35	1	12.00	—	—	—
1/4" x 1/4"	Parker, 316 SS	AT	17/32"	9/16"	17/32"	TW-30486-37	1	20.00	—	—	—
1/4" x 3/8"	PFA	AQ	123/32"	13/16"	3/16"	TW-31321-19	1	36.50	—	—	—
1/4" x 1/2"	PFA	AQ	17/32"	13/16"	3/16"	TW-31321-20	1	40.00	—	—	—
1/4" x 1/2"	Brass	AR	13/4"	9/16"	3/16"	TW-31412-70	1	8.45	—	—	—
1/4" x 1/2"	316 SS	AS	13/4"	7/8"	3/16"	TW-31406-37	1	20.75	—	—	—
1/4" x 1/2"	Parker, 316 SS	AT	13/4"	7/8"	3/16"	TW-30486-38	1	34.50	—	—	—
5/16" x 1/4"	Nylon	AM	13/16"	11/16"	9/32"	TW-06382-39	10	17.50	TW-30803-31	100	157.00
5/16" x 1/4"	White PP	AO	13/16"	11/16"	9/32"	TW-06385-30	10	14.50	TW-30815-24	100	84.00
5/16" x 1/4"	PVDF	AP	13/16"	11/16"	9/32"	TW-06385-83	1	16.25	TW-30805-30	10	71.50
5/16" x 3/8"	Brass	AR	17/32"	5/8"	1/4"	TW-31412-71	1	6.60	—	—	—
5/16" x 3/8"	316 SS	AS	17/32"	5/8"	1/4"	TW-31406-65	1	16.25	—	—	—
3/8" x 1/8"	PFA	AQ	17/32"	13/16"	3/16"	TW-31321-21	1	40.00	—	—	—
3/8" x 1/4"	Nylon	AM	17/32"	13/16"	5/16"	TW-06382-41	10	20.00	TW-30803-32	100	188.00
3/8" x 1/4"	White PP	AO	17/32"	13/16"	5/16"	TW-06385-40	10	14.50	TW-30815-25	100	92.50
3/8" x 1/4"	PVDF	AP	17/32"	13/16"	5/16"	TW-06385-84	1	7.50	TW-30805-31	10	54.00
3/8" x 1/4"	PFA	AQ	17/32"	13/16"	9/32"	TW-31320-10	1	39.50	—	—	—
3/8" x 1/4"	Brass	AR	17/32"	11/16"	1/4"	TW-31412-72	1	6.60	—	—	—
3/8" x 1/4"	316 SS	AS	17/32"	11/16"	1/4"	TW-31406-66	1	16.25	—	—	—
3/8" x 1/4"	Parker, 316 SS	AT	17/32"	5/8"	1/4"	TW-30486-40	1	28.50	—	—	—
3/8" x 3/8"	Nylon	AM	17/32"	13/16"	17/32"	TW-06382-43	10	22.00	TW-30803-33	100	313.00
3/8" x 3/8"	White PP	AO	17/32"	13/16"	17/32"	TW-06385-50	10	15.75	TW-30815-26	100	108.00
3/8" x 3/8"	Black PP	AN	17/16"	13/16"	1/4"	TW-06444-02	25	69.00	—	—	—
3/8" x 3/8"	PVDF	AP	17/32"	13/16"	17/32"	TW-06385-85	1	7.50	TW-30805-32	10	56.50
3/8" x 3/8"	PFA	AQ	17/32"	13/16"	9/32"	TW-31320-11	1	40.00	—	—	—
3/8" x 3/8"	Brass	AR	17/32"	7/8"	9/32"	TW-31412-36	1	6.90	—	—	—
3/8" x 3/8"	316 SS	AS	17/32"	11/16"	9/32"	TW-31406-36	1	18.25	—	—	—
3/8" x 3/8"	Parker, 316 SS	AT	17/32"	11/16"	1/4"	TW-30486-41	1	31.50	—	—	—
3/8" x 1/2"	Black PP	AN	13/4"	1"	1/4"	TW-06444-03	25	75.00	—	—	—
3/8" x 1/2"	PFA	AQ	17/32"	13/16"	9/32"	TW-31321-22	1	41.00	—	—	—
3/8" x 1/2"	Brass	AR	17/32"	11/16"	1/4"	TW-31412-73	1	8.45	—	—	—
3/8" x 1/2"	316 SS	AS	17/32"	11/16"	1/4"	TW-31406-67	1	22.50	—	—	—
3/8" x 1/2"	Parker, 316 SS	AT	17/32"	7/8"	1/4"	TW-30486-42	1	36.50	—	—	—

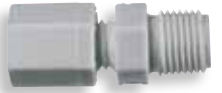
Male threaded adapters straight



AM
Nylon



AN
Black PP



AO
White PP



AP
PVDF



AQ
PFA

Cole-Parmer PTFE Thread Tape

PTFE thread sealer tape prevents leaks and seepage at threads. PTFE tape withstands temperatures from -250 to 500°F (-157 to 260°C).



LZ-08270-33 PTFE thread tape (Plumber's). Roll measures 43 ft L x 1/2"W \$5.00

LZ-08270-34 PTFE thread tape (Plumber's). Roll measures 43 ft L x 3/4"W \$6.25

LZ-08782-45 PTFE thread sealer string. Roll of 20 ft x 3/32"W \$9.40

See next page for more...

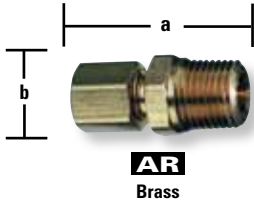
Compression Fittings (continued)

Compression fittings are an excellent choice to connect rigid tubing systems and withstand higher pressures than barbed fittings. Assemble the fitting to the tubing by sliding the tubing through a sealing ferrule and using the nut to compress down to form a secure seal.

Note: Pressure ratings given are for smaller tubing ODs at 77°F (25°C). Ratings decrease with increases in tubing OD or temperature.

For materials descriptions, refer to pages 526–527.

Male threaded adapters straight (continued)



Tubing OD	Material	Key	Dimensions			Standard packs			Bulk packs		
			a	b	Orifice	Catalog number	Qty/pk	Price/pk	Catalog number	Qty/pk	Price/pk
Male threaded adapters (straight), tubing OD x NPT(M)—continued											
1/2" x 1/4"	PFA	AQ	1 3/4"	1 9/16"	9/32"	TW-31321-23	1	\$ 43.50	—	—	—
1/2" x 1/4"	Brass	AR	1 11/16"	7/8"	3/16"	TW-31412-74	1	10.75	—	—	—
1/2" x 1/4"	316 SS	AS	1 11/16"	7/8"	3/16"	TW-31406-68	1	22.50	—	—	—
1/2" x 1/4"	Parker, 316 SS	AT	1 11/16"	1 3/16"	3/16"	TW-30486-43	1	39.50	—	—	—
1/2" x 3/8"	Nylon	AM	1 15/32"	1 5/16"	3/8"	TW-06382-44	10	26.50	TW-30803-34	100	\$250.00
1/2" x 3/8"	White PP	AO	1 15/32"	1 5/16"	3/8"	TW-06385-60	10	18.25	TW-30815-27	100	125.00
1/2" x 3/8"	PVDF	AP	1 15/32"	1 5/16"	3/8"	TW-06385-86	1	24.50	TW-30805-33	10	114.00
1/2" x 3/8"	PFA	AQ	1 3/4"	1 5/16"	1 3/32"	TW-31320-12	1	42.50	—	—	—
1/2" x 3/8"	Brass	AR	1 11/16"	7/8"	3/8"	TW-31412-75	1	10.00	—	—	—
1/2" x 3/8"	316 SS	AS	1 11/16"	7/8"	3/8"	TW-31406-69	1	23.75	—	—	—
1/2" x 3/8"	Parker, 316 SS	AT	1 11/16"	1 3/16"	3/8"	TW-30486-44	1	40.00	—	—	—
1/2" x 1/2"	Nylon	AM	1 5/8"	1 5/16"	1 5/32"	TW-06382-46	10	27.50	TW-30803-35	100	263.00
1/2" x 1/2"	White PP	AO	1 5/8"	1 5/16"	1 5/32"	TW-06385-70	10	20.75	TW-30815-28	100	138.00
1/2" x 1/2"	Black PP	AN	1 7/8"	1"	3/8"	TW-06444-04	25	102.00	—	—	—
1/2" x 1/2"	PVDF	AP	1 5/8"	1 5/16"	1 5/32"	TW-06385-87	1	10.50	TW-30805-34	10	71.50
1/2" x 1/2"	PFA	AQ	1 7/8"	1 5/16"	7/16"	TW-31320-13	1	42.50	—	—	—
1/2" x 1/2"	Brass	AR	1 29/32"	7/8"	1 3/32"	TW-31412-38	1	10.00	—	—	—
1/2" x 1/2"	316 SS	AS	1 29/32"	7/8"	1 3/32"	TW-31406-38	1	26.50	—	—	—
1/2" x 1/2"	Parker, 316 SS	AT	1 11/16"	7/8"	1 3/32"	TW-30486-45	1	45.00	—	—	—
1/2" x 3/4"	Black PP	AN	1 29/32"	1"	3/8"	TW-06444-05	25	102.00	—	—	—
1/2" x 3/4"	PFA	AQ	1 7/8"	1 3/16"	7/16"	TW-31321-24	1	53.50	—	—	—
1/2" x 3/4"	Brass	AR	1 31/32"	7/8"	1 3/32"	TW-31412-76	1	15.00	—	—	—
1/2" x 3/4"	316 SS	AS	1 31/32"	7/8"	1 3/32"	TW-31406-70	1	32.50	—	—	—
1/2" x 3/4"	Parker, 316 SS	AT	1 23/32"	1 1/16"	1 3/32"	TW-30486-46	1	55.00	—	—	—
5/8" x 3/8"	White PP	AO	1 17/32"	1 1/16"	3/8"	TW-06385-72	10	30.00	—	—	—
5/8" x 3/8"	PVDF	AP	1 17/32"	1 1/16"	3/8"	TW-06385-88	1	29.00	TW-30805-35	10	144.00
5/8" x 3/8"	Brass	AR	1 23/32"	1"	3/8"	TW-31412-77	1	10.50	—	—	—
5/8" x 3/8"	316 SS	AS	1 23/32"	1"	3/8"	TW-31406-71	1	28.50	—	—	—
5/8" x 3/8"	Parker, 316 SS	AT	1 23/32"	1 5/16"	3/8"	TW-30486-47	1	49.00	—	—	—
5/8" x 1/2"	White PP	AO	1 21/32"	1 1/16"	1 5/32"	TW-06385-74	10	21.25	—	—	—
5/8" x 1/2"	Black PP	AN	2"	1 1/8"	1/2"	TW-06444-06	25	115.00	—	—	—
5/8" x 1/2"	PVDF	AP	1 21/32"	1 1/16"	1 5/32"	TW-06385-89	1	12.00	TW-30805-36	10	84.00
5/8" x 1/2"	Brass	AR	1 29/32"	1"	1 5/32"	TW-31412-78	1	12.00	—	—	—
5/8" x 1/2"	316 SS	AS	1 29/32"	1"	1 5/32"	TW-31406-72	1	29.50	—	—	—
5/8" x 1/2"	Parker, 316 SS	AT	1 29/32"	1 5/16"	1 5/32"	TW-30486-48	1	51.50	—	—	—
5/8" x 3/4"	Black PP	AN	2"	1 1/8"	1/2"	TW-06444-07	25	132.00	—	—	—
3/4" x 1/2"	White PP	AO	1 13/16"	1 1/4"	9/16"	TW-06385-76	10	49.00	—	—	—
3/4" x 1/2"	PVDF	AP	1 13/16"	1 1/4"	9/16"	TW-06385-90	1	41.50	TW-30805-37	10	213.00
3/4" x 1/2"	PFA	AQ	2 1/16"	1 3/16"	1 7/32"	TW-31321-25	1	59.50	—	—	—
3/4" x 1/2"	Brass	AR	1 31/32"	1 1/8"	1 5/32"	TW-31412-79	1	12.00	—	—	—
3/4" x 1/2"	316 SS	AS	1 31/32"	1 1/8"	1 5/32"	TW-31406-73	1	37.50	—	—	—
3/4" x 1/2"	Parker, 316 SS	AT	1 31/32"	1 1/8"	1 5/32"	TW-30486-49	1	66.50	—	—	—
3/4" x 3/4"	White PP	AO	1 15/16"	1 3/16"	5/8"	TW-06385-78	10	33.50	—	—	—
3/4" x 3/4"	PVDF	AP	1 15/16"	1 3/16"	5/8"	TW-06385-91	1	16.25	TW-30805-38	10	117.00
3/4" x 3/4"	PFA	AQ	2 1/16"	1 3/16"	2 1/32"	TW-31321-26	1	61.00	—	—	—
3/4" x 3/4"	Brass	AR	1 31/32"	1 1/8"	1 9/32"	TW-31412-80	1	14.25	—	—	—
3/4" x 3/4"	316 SS	AS	1 31/32"	1 1/8"	1 9/32"	TW-31406-74	1	41.00	—	—	—
3/4" x 3/4"	Parker, 316 SS	AT	1 31/32"	1 1/16"	1 9/32"	TW-30486-50	1	67.50	—	—	—

Cole-Parmer PTFE Thread Tape

PTFE thread sealer tape prevents leaks and seepage at threads. PTFE tape withstands temperatures from -250 to 500°F (-157 to 260°C).



LZ-08270-33 PTFE thread tape (Plumber's). Roll measures 43 ft L x 1/2"W **\$5.00**

LZ-08270-34 PTFE thread tape (Plumber's). Roll measures 43 ft L x 3/4"W **\$6.25**

LZ-08782-45 PTFE thread sealer string. Roll of 20 ft x 3/32"W **\$9.40**

Find MORE!

For rigid and other types of tubing, see our "Tubing" section on pages 1823–1859.

Fittings

Compression, Male Threaded Adapter Elbows



Compression fittings are an excellent choice to connect rigid tubing systems and withstand higher pressures than barbed fittings. Assemble the fitting to the tubing by sliding the tubing through a sealing ferrule and using the nut to compress down to form a secure seal.

Note: Pressure ratings given are for smaller tubing ODs at 77°F (25°C). Ratings decrease with increases in tubing OD or temperature.

For materials descriptions, refer to pages 526–527.

Tubing OD	Material	Key	Dimensions			Standard packs			Bulk packs		
			a	b	Orifice	Catalog number	Qty/pk	Price/pk	Catalog number	Qty/pk	Price/pk
Male threaded adapter elbows, tubing OD x NPT(M)											
1/8" x 1/8"	Nylon	AU	1 1/16"	2 1/32"	3/32"	TW-06382-47	10	\$18.75	TW-30803-36	100	\$ 169.00
1/8" x 1/8"	White PP	AW	1 1/16"	2 1/32"	3/32"	TW-06386-05	10	13.75	TW-30815-33	100	91.50
1/8" x 1/8"	PVDF	AX	1 1/16"	2 1/32"	3/32"	TW-06386-80	1	16.25	TW-30805-39	10	60.00
1/8" x 1/8"	PFA	AY	1 3/8"	1 1/8"	1/16"	TW-31320-14	1	23.75	—	—	—
1/8" x 1/8"	Brass	AZ	2 9/32"	7/16"	1/16"	TW-31412-81	1	10.00	—	—	—
1/8" x 1/8"	316 SS	BA	2 9/32"	7/16"	1/16"	TW-31406-75	1	20.00	—	—	—
1/8" x 1/8"	Parker, 316 SS	BB	2 9/32"	2 9/32"	1/16"	TW-30486-52	1	33.50	—	—	—
1/8" x 1/4"	PFA	AY	1 7/16"	1 1/8"	1/16"	TW-31320-75	1	36.50	—	—	—
1/8" x 1/4"	Brass	AZ	3 1/32"	7/16"	1/16"	TW-31412-82	1	10.00	—	—	—
1/8" x 1/4"	316 SS	BA	3 1/32"	7/16"	1/16"	TW-31406-76	1	20.75	—	—	—
1/8" x 1/4"	Parker, 316 SS	BB	3 1/32"	3 1/32"	1/16"	TW-30486-53	1	38.50	—	—	—
1/4" x 1/8"	Nylon	AU	1"	1 1/4"	1/4"	TW-06382-48	10	22.50	TW-30803-37	100	207.00
1/4" x 1/8"	White PP	AW	1"	1 1/4"	1/4"	TW-06386-10	10	15.75	TW-30815-34	100	105.00
1/4" x 1/8"	Black PP	AV	1 7/16"	1 3/8"	5/32"	TW-06444-20	25	69.00	—	—	—
1/4" x 1/8"	PVDF	AX	1"	1 1/4"	1/4"	TW-06386-81	1	5.95	TW-30805-40	10	39.00
1/4" x 1/8"	PFA	AY	1 1 3/32"	1 3/16"	3/16"	TW-31320-15	1	37.00	—	—	—
1/4" x 1/8"	Brass	AZ	1 1/32"	9/16"	5/32"	TW-31412-83	1	8.15	—	—	—
1/4" x 1/8"	316 SS	BA	1 1/32"	9/16"	5/32"	TW-31406-77	1	20.75	—	—	—
1/4" x 1/8"	Parker, 316 SS	BB	1 1/16"	1 1/16"	5/32"	TW-30486-54	1	33.50	—	—	—
1/4" x 1/4"	Nylon	AU	1"	1 1/2"	9/32"	TW-06382-49	10	22.50	TW-30803-38	100	207.00
1/4" x 1/4"	White PP	AW	1"	1 1/2"	9/32"	TW-06386-20	10	17.00	TW-30815-35	100	110.00
1/4" x 1/4"	Black PP	AV	1 7/16"	1 3/8"	5/32"	TW-06444-21	25	69.00	—	—	—
1/4" x 1/4"	PVDF	AX	1"	1 1/2"	9/32"	TW-06386-82	1	16.25	TW-30805-41	10	67.50
1/4" x 1/4"	PFA	AY	1 1/2"	1 3/8"	3/16"	TW-31320-16	1	36.50	—	—	—
1/4" x 1/4"	Brass	AZ	1 1/32"	1 3/16"	3/16"	TW-31412-84	1	10.50	—	—	—
1/4" x 1/4"	316 SS	BA	1 1/32"	1 3/16"	3/16"	TW-31406-78	1	23.75	—	—	—
1/4" x 1/4"	Parker, 316 SS	BB	1 1/16"	1 1/16"	3/16"	TW-30486-55	1	37.00	—	—	—
1/4" x 3/8"	PVDF	AX	1 3/32"	1 1 3/32"	7/32"	TW-06386-83	1	20.75	TW-30805-42	10	100.00
1/4" x 3/8"	PFA	AY	1 3/4"	1 5/16"	3/16"	TW-31321-70	1	36.50	—	—	—
1/4" x 1/2"	PFA	AY	1 1 1/16"	1 5/16"	3/16"	TW-31321-71	1	37.50	—	—	—
3/8" x 1/4"	Nylon	AU	1 1/8"	1 7/16"	5/32"	TW-06382-51	10	23.75	TW-30803-39	100	225.00
3/8" x 1/4"	White PP	AW	1 1/8"	1 7/16"	5/32"	TW-06386-30	10	17.00	TW-30815-36	100	118.00
3/8" x 1/4"	PFA	AY	1 1 1/16"	1 1/2"	3/16"	TW-31320-76	1	39.50	—	—	—
3/8" x 1/4"	White PP	AW	1 7/32"	1 7/16"	5/16"	TW-06386-40	10	20.00	TW-30815-37	100	132.00
3/8" x 1/4"	PVDF	AX	1 1/32"	1 1/16"	5/16"	TW-06386-84	1	20.75	TW-30805-43	10	97.50
3/8" x 1/4"	PFA	AY	1 3/4"	1 1/2"	5/32"	TW-31320-17	1	39.00	—	—	—
3/8" x 1/4"	Brass	AZ	1 3/16"	1 1/16"	1/4"	TW-31412-85	1	10.50	—	—	—
3/8" x 1/4"	316 SS	BA	1 3/16"	1 1/16"	1/4"	TW-31406-79	1	26.50	—	—	—
3/8" x 1/4"	Parker, 316 SS	BB	1 3/16"	1 3/16"	1/4"	TW-30486-56	1	45.00	—	—	—
3/8" x 3/8"	Nylon	AU	1 1/32"	1 1/2"	1 1/32"	TW-06382-53	10	29.00	TW-30803-44	50	275.00
3/8" x 3/8"	White PP	AW	1 1/32"	1 1/2"	1 1/32"	TW-06386-50	10	20.00	TW-30815-38	100	144.00
3/8" x 3/8"	Black PP	AV	1 2 9/32"	1 9/16"	1/4"	TW-06444-22	25	90.00	—	—	—
3/8" x 3/8"	PVDF	AX	1 1/32"	1 1/2"	1 1/32"	TW-06386-85	1	20.75	TW-30805-44	10	99.00
3/8" x 3/8"	PFA	AY	1 1 9/16"	1 1/2"	5/32"	TW-31320-18	1	39.00	—	—	—
3/8" x 3/8"	Brass	AZ	1 7/32"	1 1/16"	1/4"	TW-31412-86	1	10.00	—	—	—
3/8" x 3/8"	316 SS	BA	1 7/32"	1 1/16"	1/4"	TW-31406-80	1	31.50	—	—	—
3/8" x 3/8"	Parker, 316 SS	BB	1 1/4"	1 1/4"	1/4"	TW-30486-57	1	52.50	—	—	—
3/8" x 1/2"	Black PP	AV	1 2 1/32"	1 2 9/32"	1/4"	TW-06444-23	25	117.00	—	—	—
3/8" x 1/2"	PFA	AY	1 2 9/32"	1 1/2"	5/32"	TW-31320-77	1	39.00	—	—	—
3/8" x 1/2"	Brass	AZ	1 9/32"	1 1/16"	1/4"	TW-31412-87	1	14.50	—	—	—
3/8" x 1/2"	316 SS	BA	1 9/32"	1 1/16"	1/4"	TW-31406-81	1	42.00	—	—	—
3/8" x 1/2"	Parker, 316 SS	BB	1 5/16"	1 5/16"	1/4"	TW-30486-58	1	69.00	—	—	—
1/2" x 1/4"	PFA	AY	1 3/4"	1 1 1/32"	5/32"	TW-31320-78	1	40.00	—	—	—
1/2" x 3/8"	Nylon	AU	1 1/16"	1 1 9/32"	3/8"	TW-06382-54	10	32.50	TW-30803-45	50	313.00
1/2" x 3/8"	White PP	AW	1 1/16"	1 1 3/32"	3/8"	TW-06386-60	10	32.50	TW-30815-39	100	307.00

Male threaded adapter elbows

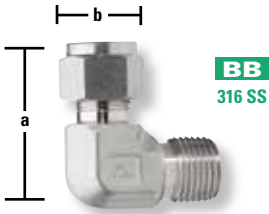


See next page for more...

Fittings

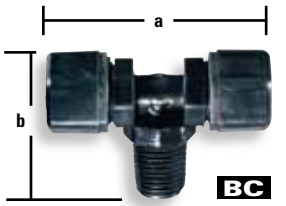
Compression, Male Threaded Adapter Elbows / Branch Tees

Male threaded adapter elbows (continued)



BB
316 SS

Male branch tees



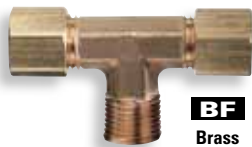
BC
Black PP



BD
White PP



BE
PFA



BF
Brass



BG
316 SS



BH
Parker
316 SS

Compression Fittings (continued)

Compression fittings are an excellent choice to connect rigid tubing systems and withstand higher pressures than barbed fittings. Assemble the fitting to the tubing by sliding the tubing through a sealing ferrule and using the nut to compress down to form a secure seal.

Note: Pressure ratings given are for smaller tubing ODs at 77°F (25°C). Ratings decrease with increases in tubing OD or temperature.

For materials descriptions, refer to pages 526–527.

Tubing OD	Material	Key	Dimensions			Standard packs			Bulk packs		
			a	b	Orifice	Catalog number	Qty/ pk	Price/ pk	Catalog number	Qty/ pk	Price/ pk

Male threaded adapter elbows, tubing OD x NPT(M)—continued

1/2" x 3/8"	PFA	AY	1 13/16"	1 17/32"	7/16"	TW-31320-19	1	\$ 40.00	—	—	—
1/2" x 1/2"	Nylon	AU	1 1/16"	1 3/4"	1 5/32"	TW-06382-55	10	32.50	TW-30803-46	50	\$469.00
1/2" x 1/2"	White PP	AW	1 1/16"	1 3/4"	1 5/32"	TW-06386-70	10	22.50	TW-30815-40	100	169.00
1/2" x 1/2"	Black PP	AV	2 1/8"	2 29/32"	3/8"	TW-06444-24	25	132.00	—	—	—
1/2" x 1/2"	PVDF	AX	1 1/16"	1 3/4"	1 5/32"	TW-06386-86	1	29.00	TW-30805-45	10	132.00
1/2" x 1/2"	PFA	AY	1 7/8"	1 17/32"	7/16"	TW-31320-20	1	39.50	—	—	—
1/2" x 1/2"	Brass	AZ	1 13/32"	7/8"	1 3/32"	TW-31412-88	1	13.75	—	—	—
1/2" x 1/2"	316 SS	BA	1 13/32"	7/8"	1 3/32"	TW-31406-82	1	47.00	—	—	—
1/2" x 1/2"	Parker, 316 SS	BB	1 13/32"	1 13/32"	1 3/32"	TW-30486-59	1	77.50	—	—	—
1/2" x 3/4"	PFA	AY	2 29/32"	2 27/32"	7/16"	TW-31320-79	1	40.00	—	—	—
5/8" x 3/8"	White PP	AW	1 21/32"	1 7/8"	3/8"	TW-06386-72	10	37.50	—	—	—
5/8" x 1/2"	White PP	AW	1 21/32"	2"	1/2"	TW-06386-74	10	39.00	—	—	—
5/8" x 1/2"	Black PP	AV	2 5/16"	2"	1/2"	TW-06444-25	25	144.00	—	—	—
5/8" x 1/2"	PVDF	AX	1 21/32"	2"	1/2"	TW-06386-87	1	32.50	TW-30805-46	10	150.00
5/8" x 1/2"	Brass	AZ	1 1/2"	1"	1 5/32"	TW-31412-89	1	18.75	—	—	—
5/8" x 1/2"	316 SS	BA	1 1/2"	1"	1 5/32"	TW-31406-83	1	51.50	—	—	—
5/8" x 1/2"	Parker, 316 SS	BB	1 13/32"	1 13/32"	1 5/32"	TW-30486-60	1	91.50	—	—	—
3/4" x 1/2"	PFA	AY	2 1/4"	1 31/32"	1 7/32"	TW-31320-80	1	60.00	—	—	—
3/4" x 3/4"	PFA	AY	2 11/32"	1 31/32"	2 1/32"	TW-31320-81	1	60.00	—	—	—
3/4" x 3/4"	Brass	AZ	2 11/32"	1 31/32"	2 1/32"	TW-31412-90	1	22.50	—	—	—
3/4" x 3/4"	316 SS	BA	2 11/32"	1 31/32"	2 1/32"	TW-31406-84	1	56.50	—	—	—
3/4" x 3/4"	Parker, 316 SS	BB	2 11/32"	1 31/32"	2 1/32"	TW-31406-81	1	42.00	—	—	—

Male branch tees, tubing OD x NPT(M)

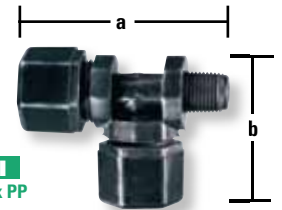
1/8" x 1/8"	PFA	BE	2 5/16"	1 1/8"	1/16"	TW-31320-34	1	44.50	—	—	—
1/8" x 1/8"	Brass	BF	1 27/32"	7/16"	1/16"	TW-31412-91	1	14.50	—	—	—
1/8" x 1/8"	316 SS	BG	1 27/32"	7/16"	1/16"	TW-31406-85	1	38.50	—	—	—
1/8" x 1/8"	Parker, 316 SS	BH	1 13/16"	7/16"	1/16"	TW-30486-63	1	69.00	—	—	—
1/8" x 1/4"	PFA	BE	2 5/16"	1 1/8"	1/16"	TW-31320-37	1	44.00	—	—	—
1/4" x 1/8"	White PP	BD	1 15/32"	1 1/16"	7/32"	TW-06389-10	10	31.50	—	—	—
1/4" x 1/8"	PFA	BE	2 13/32"	1 7/32"	3/16"	TW-31320-35	1	44.00	—	—	—
1/4" x 1/4"	Black PP	BC	2 3/16"	1 13/32"	5/32"	TW-06444-71	25	124.00	—	—	—
1/4" x 1/4"	PFA	BE	2 13/32"	1 7/32"	3/16"	TW-31320-36	1	44.00	—	—	—
1/4" x 1/4"	Brass	BF	2 3/32"	9/16"	5/32"	TW-31412-92	1	14.50	—	—	—
1/4" x 1/4"	316 SS	BG	2 3/32"	9/16"	5/32"	TW-31406-86	1	43.50	—	—	—
1/4" x 1/4"	Parker, 316 SS	BH	2 1/8"	9/16"	5/32"	TW-30486-64	1	77.50	—	—	—
3/8" x 1/4"	White PP	BD	1 15/16"	1 15/32"	1/4"	TW-06389-40	10	42.50	—	—	—
3/8" x 1/4"	Brass	BF	2 29/32"	1 15/16"	1/4"	TW-31412-93	1	16.25	—	—	—
3/8" x 1/4"	PFA	BE	3"	1 1/2"	9/32"	TW-31320-38	1	50.00	—	—	—
3/8" x 1/4"	316 SS	BG	2 29/32"	1 15/16"	1/4"	TW-31406-87	1	45.00	—	—	—
3/8" x 1/4"	Parker, 316 SS	BH	2 29/32"	9/16"	1/4"	TW-30486-65	1	80.00	—	—	—
3/8" x 3/8"	Black PP	BC	2 5/8"	1 1/2"	1/4"	TW-06444-72	25	169.00	—	—	—
3/8" x 3/8"	PFA	BE	3 1/4"	1 17/32"	1/4"	TW-31321-79	1	46.00	—	—	—
3/8" x 3/8"	Brass	BF	2 19/32"	1 15/16"	1/4"	TW-31412-94	1	18.75	—	—	—
3/8" x 3/8"	316 SS	BG	2 19/32"	1 15/16"	1/4"	TW-31406-88	1	51.50	—	—	—
3/8" x 3/8"	Parker, 316 SS	BH	2 19/32"	1 15/16"	1/4"	TW-30486-66	1	91.50	—	—	—
3/8" x 1/2"	PFA	BE	3"	1 1/2"	9/32"	TW-31320-86	1	49.50	—	—	—
1/2" x 1/4"	PFA	BE	3 1/2"	1 7/16"	9/32"	TW-31321-80	1	62.50	—	—	—
1/2" x 3/8"	PFA	BE	2 15/16"	1 9/16"	1 3/32"	TW-31320-87	1	65.00	—	—	—
1/2" x 1/2"	White PP	BD	2 3/16"	1 13/16"	1 5/32"	TW-06389-70	10	55.00	—	—	—
1/2" x 1/2"	Black PP	BC	2 15/16"	1 15/16"	3/8"	TW-06444-74	25	244.00	—	—	—
1/2" x 1/2"	PFA	BE	3 1/2"	1 5/8"	3/8"	TW-31321-81	1	65.00	—	—	—
1/2" x 1/2"	Brass	BF	2 13/16"	7/8"	1 3/32"	TW-31412-96	1	27.00	—	—	—
1/2" x 1/2"	316 SS	BG	2 13/16"	7/8"	1 3/32"	TW-31406-89	1	74.00	—	—	—
1/2" x 1/2"	Parker, 316 SS	BH	2 13/16"	7/8"	1 3/32"	TW-30486-67	1	132.00	—	—	—
5/8" x 1/2"	White PP	BD	2 17/32"	2 1/32"	1/2"	TW-06389-72	10	62.50	—	—	—
5/8" x 1/2"	Black PP	BC	3 3/8"	2"	1/2"	TW-06444-76	25	338.00	—	—	—
5/8" x 1/2"	Brass	BF	3 1/2"	1"	1 5/32"	TW-31412-97	1	29.50	—	—	—
5/8" x 1/2"	316 SS	BG	3 1/2"	1"	1 5/32"	TW-31406-90	1	85.00	—	—	—
5/8" x 1/2"	Parker, 316 SS	BH	2 27/32"	7/8"	1 5/32"	TW-30486-68	1	157.00	—	—	—
3/4" x 3/4"	316 SS	BG	3 1/8"	1 1/8"	1 5/32"	TW-31406-91	1	107.00	—	—	—
3/4" x 3/4"	Parker, 316 SS	BH	3 3/32"	1 1/16"	1 5/32"	TW-30486-69	1	200.00	—	—	—

Compression fittings are an excellent choice to connect rigid tubing systems and withstand higher pressures than barbed fittings. Assemble the fitting to the tubing by sliding the tubing through a sealing ferrule and using the nut to compress down to form a secure seal.

Note: Pressure ratings given are for smaller tubing ODs at 77°F (25°C). Ratings decrease with increases in tubing OD or temperature.

For materials descriptions, refer to pages 526–527.

Male run tees



BI
Black PP



BJ
White PP



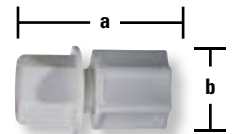
BK
PFA

Tubing OD	Material	Key	Dimensions			Standard packs			Bulk packs		
			a	b	Orifice	Catalog number	Qty/ pk	Price/ pk	Catalog number	Qty/ pk	Price/ pk
Male run tees, tubing OD x NPT(M)											
1/8" x 1/8"	PFA	BK	23/8"	19/16"	3/32"	TW-31321-72	1	\$ 41.50	—	—	—
1/8" x 1/4"	PFA	BK	23/8"	19/16"	3/32"	TW-31321-73	1	67.50	—	—	—
1/4" x 1/8"	PFA	BK	23/4"	23/32"	3/16"	TW-31321-74	1	45.00	—	—	—
1/4" x 1/8"	White PP	BJ	1 1/2"	1 1/32"	7/32"	TW-06388-10	10	31.50	—	—	—
1/4" x 1/8"	Black PP	BI	2"	1 7/16"	5/32"	TW-06444-80	25	219.00	—	—	—
1/4" x 1/4"	PFA	BK	23/4"	23/32"	3/16"	TW-31321-75	1	45.00	—	—	—
1/4" x 1/4"	White PP	BJ	1 11/16"	1 1/32"	7/32"	TW-06388-20	10	36.50	—	—	—
3/8" x 1/4"	White PP	BJ	2 1/32"	1 3/8"	1 1/32"	TW-06388-40	10	42.50	—	—	—
3/8" x 1/4"	Black PP	BI	2 1/2"	1 23/32"	1/4"	TW-06444-82	25	200.00	—	—	—
3/8" x 1/4"	PFA	BK	23/4"	2 1/8"	1/4"	TW-31321-76	1	48.50	—	—	—
1/2" x 1/4"	PFA	BK	2 13/16"	2 3/32"	9/32"	TW-31321-77	1	64.00	—	—	—
1/2" x 3/8"	Black PP	BI	2 3/4"	1 31/32"	3/8"	TW-06444-84	25	282.00	—	—	—
1/2" x 1/2"	White PP	BJ	2 13/32"	1 19/32"	15/32"	TW-06388-70	10	55.00	—	—	—
1/2" x 1/2"	PFA	BK	2 15/16"	2 3/32"	3/8"	TW-31321-78	1	64.00	—	—	—
5/8" x 1/2"	White PP	BJ	2 23/32"	1 13/16"	19/32"	TW-06388-72	10	62.50	—	—	—
5/8" x 1/2"	Black PP	BI	3 3/16"	2 1/4"	1/2"	TW-06444-85	25	419.00	—	—	—
3/4" x 3/4"	PFA	BK	3 3/16"	2 1/16"	2 1/32"	TW-31320-39	1	82.50	—	—	—

Female threaded adapters (straight), tubing OD x NPT(F)

1/8" x 1/8"	PFA	BP	1 3/4"	5/8"	1/16"	TW-31320-50	1	34.50	—	—	—
1/8" x 1/4"	PFA	BP	1 3/4"	3/4"	1/16"	TW-31320-51	1	34.50	—	—	—
1/4" x 1/8"	White PP	BN	1 5/8"	25/32"	7/32"	TW-06384-10	10	13.75	TW-30815-52	100	\$95.00
1/4" x 1/8"	Black PP	BM	1 9/16"	1 1/16"	9/32"	TW-06444-10	25	200.00	—	—	—
1/4" x 1/8"	PVDF	BO	1 5/16"	25/32"	7/32"	TW-06384-71	1	5.95	TW-30805-47	10	35.00
1/4" x 1/8"	PFA	BP	1 25/32"	5/8"	3/16"	TW-31320-52	1	42.50	—	—	—
1/4" x 1/8"	Nylon	BL	3/16"	25/32"	7/32"	TW-06382-57	10	20.00	TW-30803-48	100	182.00
1/4" x 1/4"	Nylon	BL	1 3/32"	25/32"	7/32"	TW-06382-56	10	20.75	TW-30803-47	100	194.00
1/4" x 1/4"	White PP	BN	1 3/32"	25/32"	7/32"	TW-06384-20	10	14.50	TW-30815-53	100	95.00
1/4" x 1/4"	Black PP	BM	1 13/32"	1 1/16"	5/32"	TW-06444-11	25	104.00	—	—	—
1/4" x 1/4"	PVDF	BO	1 13/32"	25/32"	7/32"	TW-06384-72	1	5.95	TW-30805-48	10	41.50
1/4" x 1/4"	PFA	BP	1 25/32"	3/4"	3/16"	TW-31320-53	1	43.50	—	—	—
1/4" x 3/8"	PFA	BP	1 25/32"	15/16"	3/16"	TW-31320-70	1	45.00	—	—	—
1/4" x 1/2"	PFA	BP	1 25/32"	1 1/8"	3/16"	TW-31320-71	1	46.00	—	—	—
5/16" x 1/4"	Nylon	BL	1 1/8"	1 1/16"	9/32"	TW-06382-58	10	21.25	TW-30803-49	100	200.00
5/16" x 1/4"	White PP	BN	1 1/8"	1 1/16"	9/32"	TW-06384-30	10	21.25	TW-30815-54	100	200.00
5/16" x 1/4"	PVDF	BO	1 1/8"	1 1/16"	9/32"	TW-06384-73	1	16.25	TW-30805-49	10	74.00
3/8" x 1/4"	Nylon	BL	1 3/16"	1 3/16"	1 1/32"	TW-06382-59	10	23.75	TW-30803-50	100	2254.00
3/8" x 1/4"	White PP	BN	1 3/16"	1 3/16"	1 1/32"	TW-06384-40	10	17.00	TW-30815-55	100	115.00
3/8" x 1/4"	PVDF	BO	1 3/16"	1 3/16"	1 1/32"	TW-06384-74	1	20.75	TW-30805-50	10	95.00
3/8" x 1/4"	PFA	BP	1 7/8"	1 3/16"	9/32"	TW-31320-54	1	47.50	—	—	—
3/8" x 3/8"	White PP	BN	1 3/16"	1 5/16"	1 1/32"	TW-06384-50	10	17.00	TW-30815-56	100	118.00
3/8" x 3/8"	Black PP	BM	1 9/16"	1 1/8"	1/4"	TW-06444-12	25	112.00	—	—	—
3/8" x 3/8"	PVDF	BO	1 3/16"	1 5/16"	1 1/32"	TW-06384-75	1	20.75	TW-30805-51	10	96.50
3/8" x 3/8"	PFA	BP	1 7/8"	1 5/16"	9/32"	TW-31320-55	1	48.50	—	—	—
3/8" x 1/2"	PFA	BP	1 7/8"	1 1/8"	9/32"	TW-31320-56	1	48.50	—	—	—
1/2" x 1/4"	PFA	BP	1 27/32"	1 5/16"	1 1/32"	TW-31320-72	1	58.50	—	—	—
1/2" x 3/8"	White PP	BN	1 7/32"	1 5/16"	1 5/32"	TW-06384-60	10	29.00	TW-30815-57	100	269.00
1/2" x 3/8"	Nylon	BL	1 11/16"	1 1/8"	1/4"	TW-06382-62	25	29.00	—	—	—
1/2" x 3/8"	Black PP	BM	1 11/16"	1 1/8"	1/4"	TW-06444-13	25	150.00	—	—	—
1/2" x 3/8"	PVDF	BO	1 7/32"	1 5/16"	1 5/32"	TW-06384-76	1	24.50	TW-30805-52	10	112.00
1/2" x 3/8"	PFA	BP	1 27/32"	1 5/16"	7/16"	TW-31320-57	1	58.50	—	—	—
1/2" x 1/2"	PFA	BP	1 27/32"	1 1/8"	7/16"	TW-31320-58	1	58.50	—	—	—
1/2" x 3/4"	PFA	BP	2"	1 3/16"	7/16"	TW-31320-73	1	58.50	—	—	—
3/4" x 1/2"	PFA	BP	2 3/8"	1 7/16"	5/8"	TW-31321-82	1	74.00	—	—	—
3/4" x 3/4"	PFA	BP	2 1/16"	1 3/16"	1 1/16"	TW-31320-74	1	81.00	—	—	—

Female threaded adapters (straight)



BL
Nylon



BM
Black PP



BN
White PP



BO
PVDF



BP
PFA

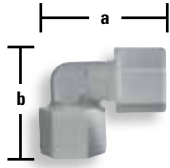
¹Note: Similar in appearance to standard male branch tees.

See next page for more...

Fittings

Compression, Female Threaded Adapter Elbows / Accessories

Female threaded adapter elbows



BQ
White PP

Compression Fittings (continued)

Tubing OD	Material	Key	Dimensions			Standard packs			Bulk packs		
			a	b	Orifice	Catalog number	Qty/ pk	Price/ pk	Catalog number	Qty/ pk	Price/ pk
Female pipe adapter elbows, tubing OD x NPT(F)											
1/8" x 1/4"	White PP	BQ	1 1/32"	1 1/16"	1/8"	TW-06387-05	10	\$ 24.50	—	—	—
1/4" x 1/8"		BQ	1 3/32"	1 1/16"	1/4"	TW-06387-10	10	27.50	—	—	—
1/4" x 1/4"		BQ	1 5/32"	1 9/32"	1/4"	TW-06387-20	10	20.00	—	—	—
5/16" x 1/4"		BQ	1 5/16"	1 11/32"	9/16"	TW-06387-30	10	31.50	—	—	—
3/8" x 1/4"		BQ	1 9/32"	1 7/16"	3/8"	TW-06387-40	10	34.00	—	—	—
1/2" x 3/8"		BQ	1 1/2"	1 1 3/32"	1/2"	TW-06387-60	10	42.50	—	—	—
1/2" x 1/2"	PFA	BQ	1 1/16"	1 1 3/16"	1/2"	TW-06387-62	10	49.00	—	—	—
5/8" x 1/2"		BQ	1 1 5/16"	1 5/8"	5/8"	TW-06387-64	10	39.00	—	—	—
3/8" x 3/8"		—	2"	1 1/2"	1/4"	TW-31321-83	1	54.50	—	—	—
1/2" x 1/2"		—	2 5/16"	1 25/32"	3/8"	TW-31321-84	1	56.50	—	—	—

Find MORE!

For a selection of heat guns, see page 752. For PFA tubing, see the rigid tubing section starting on page 1848.

Compression nut assemblies



A White PP



B PVDF



C PFA



D Brass



E 316 SS

Ferrule plug



F PFA

Inserts for soft tubing



G White PP



H Black PP

Accessories (for Compression Fittings on pages 526–536)

Use these high-pressure compression nut assemblies ("C") with PFA fittings to achieve pressures to 225 psi without the use of a grooving tool.

Key	Catalog number	Material	Tubing OD	Qty/ pk	Price/ pk
Compression nut assemblies (include ferrules)					
A	TW-06380-05	White PP	1/8"	10	\$ 4.40
	TW-06380-11		1/4"	10	10.00
	TW-06380-21		3/16"	10	12.50
	TW-06380-31		3/8"	10	16.25
	TW-06380-41		1/2"	10	20.00
B	TW-06380-60	PVDF	1/8"	1	4.40
	TW-06380-61		1/4"	1	8.75
	TW-06380-65		1/2"	1	12.50
C	TW-31321-85	PFA	1/8"	1	13.25
	TW-31321-86		1/4"	1	13.25
	TW-31321-87		3/8"	1	16.25
	TW-31321-88		1/2"	1	19.50
	TW-31321-89		3/4"	1	25.00
D	TW-31212-68	Brass	1/16"	10	5.00
	TW-31212-69		1/8"	10	4.40
	TW-31212-70		1/4"	10	3.75
	TW-31212-71		3/8"	10	4.40
E	TW-31212-67	316 SS	1/16"	1	11.75
	TW-31212-66		1/8"	1	9.40
	TW-31212-65		1/4"	1	8.45
	TW-31212-64		3/8"	1	11.00
	TW-31212-63		1/2"	1	17.00

Key	Catalog number	Material	Tubing OD	Qty/ pk	Price/ pk
Ferrule plugs					
F	TW-31320-45	PFA	1/8"	1	\$62.00
	TW-31320-46		1/4"	1	51.50
	TW-31320-47		3/8"	1	65.00
	TW-31320-48		1/2"	1	67.50
	TW-31320-49		3/4"	1	74.00
Inserts for soft tubing (tubing OD x ID)					
G	TW-06391-10	White PP	1/4" x 5/32"	10	4.70
	TW-06391-20		5/16" x 3/16"	10	4.70
	TW-06391-30		3/8" x 1/4"	10	4.40
H	TW-06391-40	Black PP	1/2" x 3/8"	10	4.70
	TW-06444-91		1/4" x 1/8"	25	25.00
	TW-06444-92		3/8" x 1/4"	25	26.50
	TW-06444-94		1/2" x 3/8"	25	41.50
TW-06444-96	3/8" x 1/2"	25	32.50		

MORE online!

For complete directions on flare fittings, see ColeParmer.co.uk and search for "flared fittings." Go to . . . ColeParmer.com