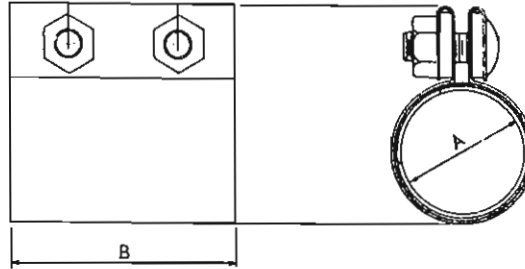


Compression Couplings for Tubing and Pipe



The Compression pipe coupling is designed for permanent installation in the joining of either plain end, threaded, grooved or a combination of any of these joints. The band type construction holds the entire surface of the joint in uniform compression.

Couplings are made of heavy gauge zinc plated steel . . . prices of aluminum or stainless steel couplings quoted on request.

Gaskets furnished standard in white or black neoprene . . . please specify. Gaskets also available in white neoprene and

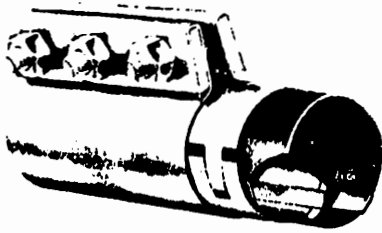
a variety of other materials at a slight extra charge.

Condensed Table of Specifications

Size	Thickness		
	Shell	Sleeve	Gasket
1/2"---2-7/8"OD	.052	.052	.062
3" OD	.052	.052	.093
3-1/4"---5" OD	.062	.052	.093
5-1/4"---8-5/8" OD	.062	.052	.125
9"---24" OD	.062	.062	.125

Tubing or Nom. Pipe (IPS) Size	O.D. Tubing Pipe (A)	Coupling Code No.	Coupling Length (B)	No. of Bolts	Size of Bolts	Weight Each (lbs.)	Black Gasket*	White Gasket*
							PIC No.	PIC No.
1/2" PIPE	.840	1/2-2C	2"	2	5/16 X 1-1/4	.5	0100842B2	0100842W2
3/4" PIPE	1.050	3/4-2C	2"	2	5/16 X 1-1/4	.7	0101052B2	0101052W2
1" TUBING	1.000	1-2C-OD	2"	2	5/16 X 1-1/4	1.6	0101002B2	0101002W2
1" PIPE	1.315	1-2C	4"	2	1/2 X 1-3/4	1.8	0101312B2	0101312W2
1-1/4" TUBING	1.250	1-1/4-2C-OD	4"	2	1/2 X 1-3/4	1.9	0101252B2	0101252W2
1-1/4" PIPE	1.660	1-1/4-2C	4"	2	1/2 X 1-3/4	1.8	0101662B2	0101662W2
	1.660	1-1/4-3C	6"	3	1/2 X 1-3/4	3.0	0101663B2	0101663W2
1-1/2" TUBING	1.500	1-1/2-2C-OD	4"	2	1/2 X 1-3/4	2.0	0101502B2FG	0101502W2FG
1-1/2" PIPE	1.500	1-1/2-3C-OD	6"	3	1/2 X 1-3/4	2.9	0101503B2FG	0101503W2FG
	1.900	1-1/2-2C	4"	2	1/2 X 1-3/4	2.0	0101902B2	0101902W2
1-3/4" TUBING	1.900	1-1/2-3C	6"	3	1/2 X 1-3/4	3.1	0101903B2	0101903W2
	1.750	1-3/4-2C-OD	4"	2	1/2 X 1-3/4	2.1	0101752B2FG	0101752W2FG
2" TUBING	1.750	1-3/4-3C-OD	6"	3	1/2 X 1-3/4	3.0	0101753B2FG	0101753W2FG
	2.000	2-2C-OD	4"	2	1/2 X 1-3/4	2.1	0102002B2FG	0102002W2FG
2" PIPE	2.000	2-3C-OD	6"	3	1/2 X 1-3/4	3.1	0102003B2FG	0102003W2FG
	2.375	2-2C	4"	2	1/2 X 1-3/4	2.2	0102372B2FG	0102372W2
	2.375	2-3C	6"	3	1/2 X 1-3/4	3.5	0102373B2FG	0102373W2FG
	2.375	2-4C	8"	4	1/2 X 1-3/4	4.7	0102374B2	0102374W2
2-1/8" TUBING	2.125	2-1/8-2C-OD	4"	2	1/2 X 1-3/4	2.1	0102122B2	0102122W2
2-3/16" TUBING	2.125	2-1/8-3C-OD	6"	3	1/2 X 1-3/4	3.2	0102123B2FG	0102123W2FG
	2.187	2-3/16-2C-OD	4"	2	1/2 X 1-3/4	2.2	0102182B2FG	0102182W2FG
2-1/4" TUBING	2.187	2-3/16-3C-OD	6"	3	1/2 X 1-3/4	3.3	0102183B2FG	0102183W2
	2.250	2-1/4-2C-OD	4"	2	1/2 X 1-3/4	2.2	0102252B	0102252W2
2-1/2" TUBING	2.250	2-1/4-3C-OD	6"	3	1/2 X 1-3/4	3.3	0102253B2FG	0102253W2FG
	2.500	2-1/2-2C-OD	4"	2	1/2 X 1-3/4	2.8	0102502B2FG	0102502W2FG
2-1/2" PIPE	2.500	2-1/2-3C-OD	6"	3	1/2 X 1-3/4	3.4	0102503B2FG	0102503W2FG
	2.875	2-1/2-2C	4"	2	1/2 X 1-3/4	2.4	0102872B2	0102872W2
	2.875	2-1/2-3C	6"	3	1/2 X 1-3/4	3.7	0102873B2	0102873W2
	2.875	2-1/2-4C	8"	4	1/2 X 1-3/4	5.0	0102874B2	0102874W2
2-3/4" TUBING	2.750	2-3/4-3C-OD	6"	3	1/2 X 1-3/4	3.6	0102753B2	0102753W2
3" TUBING	3.000	3-2C-OD	4"	2	5/8 X 2	3.2	0103002B2FG	0103002W2FG
3" PIPE	3.000	3-3C-OD	6"	3	5/8 X 2	4.5	0103003B2FG	0103003W2FG
	3.000	3-4C-OD	8"	4	5/8 X 2	5.9	0103004B2FG	0103004W2
	3.500	3-2C	4"	2	5/8 X 2	3.4	0103502B2FG	0103502W2
	3.500	3-3C	6"	3	5/8 X 2	5.1	0103503B2FG	0103503W2FG
	3.500	3-4C	8"	4	5/8 X 2	6.6	0103504B2FG	0103504W2FG
3-1/4" TUBING	3.250	3-1/4-2C-OD	4"	2	5/8 X 2	3.5	0103252B2	0103252W2
3-1/2" TUBING	3.250	3-1/4-3C-OD	6"	3	5/8 X 2	5.0	0103253B2	0103253W2
	3.250	3-1/4-4C-OD	8"	4	5/8 X 2	6.5	0103254B2	0103254W2
3-1/2" TUBING	3.500	3-2C	4"	2	5/8 X 2	3.4	0103502B2FG	0103502W2
	3.500	3-3C	6"	3	5/8 X 2	5.1	0103503B2FG	0103503W2FG
	3.500	3-4C	8"	4	5/8 X 2	6.6	0103504B2FG	0103504W2FG

Compression Couplings For Tubing and Pipe



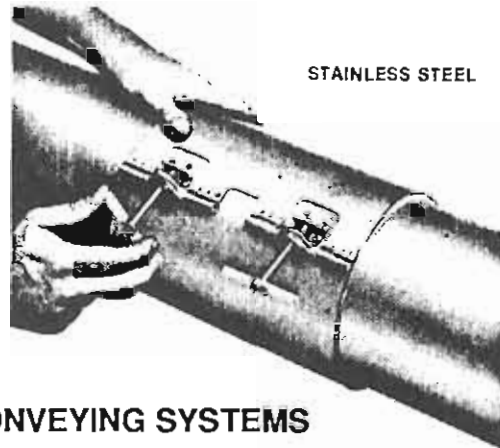
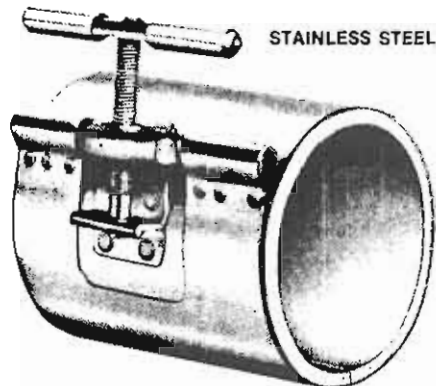
To Prevent Static Electricity Build-up in Bulk Material Conveying Systems, specify Compression Couplings with grounding strips . . . Be sure to state if your requirements call for aluminum or stainless steel strips. Stainless steel grounding strips are standard, aluminum grounding strips or couplings without grounding strips are available at the same price.

To Eliminate Gasket Wear, or contamination of material flowing through the system lines, specify Couplings with Stainless Steel GASKET PROTECTORS.

Tubing or Nom. Pipe (IPS) Size	O.D. Tubing Pipe (A)	Coupling Code No.	Coupling Length (B)	No. of Bolts	Size of Bolts	Weight Each (lbs.)	Black Gasket*	White Gasket*
							PIC No.	PIC No.
3-1/2" PIPE	4.000	3-1/2-2C	4"	2	5/8 X 2	3.7	0104002B2FG	0104002W2
	4.000	3-1/2-3C	6"	3	5/8 X 2	5.3	0104003B2FG	0104003W2FG
	4.000	3-1/2-4C	8"	4	5/8 X 2	7.2	0104004B2FG	0104004W2FG
3-3/4" TUBING	3.750	3-3/4-3C-OD	6"	3	5/8 X 2	5.6	0103753B2	0103753W2
	3.750	3-3/4-4C-OD	8"	4	5/8 X 2	7.4	0103754B2	0103754W2
4" TUBING	4.000	3-1/2-2C	4"	2	5/8 X 2	3.7	0104002B2FG	0104002W2
	4.000	3-1/2-3C	6"	3	5/8 X 2	5.3	0104003B2FG	0104003W2FG
	4.000	3-1/2-4C	8"	4	5/8 X 2	7.2	0104004B2FG	0104004W2FG
4" PIPE	4.500	4-2C	4"	2	5/8 X 2	3.8	0104502B2FG	0104502W2
	4.500	4-3C	6"	3	5/8 X 2	5.5	0104503B2FG	0104503W2FG
	4.500	4-4C	8"	4	5/8 X 2	7.7	0104504B2FG	0104504W2FG
4-1/4" TUBING	4.250	4-1/4-3C-OD	6"	3	5/8 X 2	5.5	0104253B2	0104253W2
	4.250	4-1/4-4C-OD	8"	4	5/8 X 2	7.0	0104254B2	0104254W2
4-1/2" TUBING	4.500	4-2C	4"	2	5/8 X 2	3.8	0104502B2FG	0104502W2
	4.500	4-3C	6"	3	5/8 X 2	5.5	0104503B2FG	0104503W2FG
	4.500	4-4C	8"	4	5/8 X 2	7.7	0104504B2FG	0104504W2FG
4-1/2" PIPE	5.000	4-1/2-2C	4"	2	5/8 X 2	4.2	0105002B2FG	0105002W2
	5.000	4-1/2-3C	6"	3	5/8 X 2	6.2	0105003B2FG	0105003W2FG
	5.000	4-1/2-4C	8"	4	5/8 X 2	8.1	0105004B2FG	0105004W2FG
4-3/4" TUBING	4.750	4-3/4-3C-OD	6"	3	5/8 X 2	6.5	0104753B2	0104753W2
	4.750	4-3/4-4C-OD	8"	4	5/8 X 2	8.6	0104754B2	0104754W2
5" TUBING	5.000	4-1/2-2C	4"	2	5/8 X 2	4.2	0105002B2FG	0105002W2
	5.000	4-1/2-3C	6"	3	5/8 X 2	6.2	0105003B2FG	0105003W2FG
	5.000	4-1/2-4C	8"	4	5/8 X 2	8.1	0105004B2FG	0105004W2FG
5" PIPE	5.563	5-2C	4"	2	5/8 X 2	4.6	0105562B2	0105562W2
	5.563	5-3C	6"	3	5/8 X 2	6.8	0105563B2FG	0105563W2
	5.563	5-4C	8"	4	5/8 X 2	8.8	0105564B2FG	0105564W2
5-1/4" TUBING	5.250	5-1/4-3C-OD	6"	3	5/8 X 2	6.6	0105253B2	0105253W2
5-1/2" TUBING	5.500	5-1/2-3C-OD	6"	3	5/8 X 2	6.8	0105503B2	0105503W2
	5.500	5-1/2-4C-OD	8"	4	5/8 X 2	9.0	0105504B2	0105504W2
5-3/4" TUBING	5.750	5-3/4-3C-OD	6"	3	5/8 X 2	7.8	0105753B2	0105753W2
	5.750	5-3/4-4C-OD	8"	4	5/8 X 2	9.2	0105754B2	0105754W2
6" TUBING	6.000	6-2C-OD	4"	2	5/8 X 2	4.7	0106002B2FG	0106002W2
	6.000	6-3C-OD	6"	3	5/8 X 2	7.0	0106003B2FG	0106003W2FG
	6.000	6-4C-OD	8"	4	5/8 X 2	9.4	0106004B2FG	0106004W2FG
6" PIPE	6.000	6-5C-OD	10"	5	5/8 X 2	11.8	0106005B2	0106005W2
	6.625	6-2C	4"	2	5/8 X 2	5.3	0106622B2	0106622W2
	6.625	6-3C	6"	3	5/8 X 2	7.8	0106623B2FG	0106623W2
	6.625	6-4C	8"	4	5/8 X 2	10.4	0106624B2FG	0106624W2
	6.625	6-5C	10"	5	5/8 X 2	14.3	0106625B2	0106625W2
7" TUBING	7.000	7-3C-OD	6"	3	5/8 X 2	7.9	0107003B2	0107003W2
	7.000	7-4C-OD	8"	4	5/8 X 2	10.8	0107004B2	0107004W2
	7.000	7-5C-OD	10"	5	5/8 X 2	13.7	0107005B2	0107005W2
8" TUBING	8.000	8-2C-OD	6"	2	3/4 X 3	11.0	0108002B2FG	0108002W2
	8.000	8-3C-OD	8"	3	3/4 X 3	14.3	0108003B2FG	0108003W2
	8.000	8-4C-OD	10"	4	3/4 X 3	18.0	0108004B2FG	0108004W2
	8.000	8-5C-OD	12"	5	3/4 X 3	22.0	0108005B2	0108005W2
8" PIPE	8.625	8-2C	6"	2	3/4 X 3	11.5	0108622B2	0108622W2
	8.625	8-3C	8"	3	3/4 X 3	14.6	0108623B2	0108623W2
	8.625	8-4C	10"	4	3/4 X 3	18.8	0108624B2FG	0108624W2
	8.625	8-5C	12"	5	3/5 X 3	23.0	0108625B2	0108625W2
	9" TUBING	9.000	9-3C-OD	8"	3	3/4 X 3	15.9	0109003B2
9.000		9-4C-OD	10"	4	3/4 X 3	19.9	0109004B2	0109004W2



QUICKON II COUPLERS®



FOR PNEUMATIC OR VACUUM CONVEYING SYSTEMS

Morris Quickon II Couplers can be installed or removed with a twist of the wrist. No tools or special skills needed. The positive locking system turns easily to seal or to compensate for normal O.D. pipe or tubing tolerances.

This in-line Coupler is ideal for use where: Fast takedown and reassembly of lines is essential, reduced coupler weight is desirable, a line or system is frequently modified, wrap around installation is necessary, and where pressure does not exceed 50 psi.

Quickon II Coupler

O.D. Size In.	Code No.	Wgt. Ea. (Lbs.)	Std. Gum Gasket	Food Grade Gasket
			PIC No.	PIC No.
1.500	1501	.58	2401501G2	2401501F2
1.660	1661	.60	2401661G2	2401661F2
1.750	1751	.62	2401751G2	2401751F2
1.900	1901	.65	2401901G2	2401901F2
2.000	2001	.68	2402001G2FG	2402001F2FG
2.125	2121	.70	2402121G2	2402121F2
2.250	2251	.71	2402251G2	2402251F2
2.375	2371	.74	2402371G2	2402371F2
2.500	2501	.77	2402501G2FG	2402501F2FG
2.750	2751	.80	2402751G2	2402751F2
2.875	2871	.84	2402871G2	2402871F2
3.000	3001	.88	2403001G2FG	2403001F2FG
3.250	3251	.97	2403251G2	2403251F2
3.500	3501	1.06	2403501G2FG	2403501F2FG
3.750	3751	1.15	2403751G2	2403751F2
4.000	4001	1.25	2404001G2FG	2404001F2FG
4.250	4251	1.32	2404251G2	2404251F2
4.500	4501	1.40	2404501G2FG	2404501F2FG
5.000	5001	1.55	2405001G2FG	2405001F2FG
5.563	5561	1.63	2405561G2	2405561F2
6.000	6001	1.72	2406001G2FG	2406001F2FG
6.250	6251	1.78	2406251G2	2406251F2
6.625	6621	1.82	2406621G2	2406621F2
8.000	8001	2.25	2408001G2FG	2408001F2FG
8.625	8621	2.38	2408621G2	2408621F2
9.000	9001	2.45	2409001G2	2409001F2
10.000	10001	2.65	2410001G2	2410001F2

STANDARD QUICKON II COUPLERS LISTED ARE 4" IN LENGTH.

Dual Quickon II Coupler

O.D. Size In.	Code No.	Std. Gum Gasket	Food Grade Gasket
		PIC No.	PIC No.
4.000	2-4001	2804002G2	2804002F2
4.500	2-4501	2804502G2	2804502F2
5.000	2-5001	2805002G2	2805002F2
6.000	2-6001	2806002G2	2806002F2
6.625	2-6621	2806622G2	2806622F2
8.000	2-8001	2808002G2	2808002F2
8.625	2-6621	2806622G2	2806622F2
10.000	2-10001	2810002G2	2810002F2
10.750	2-10751	2810752G2	2810752F2
12.000	2-12001	2812002G2	2812002F2
12.750	2-12751	2812752G2	2812752F2

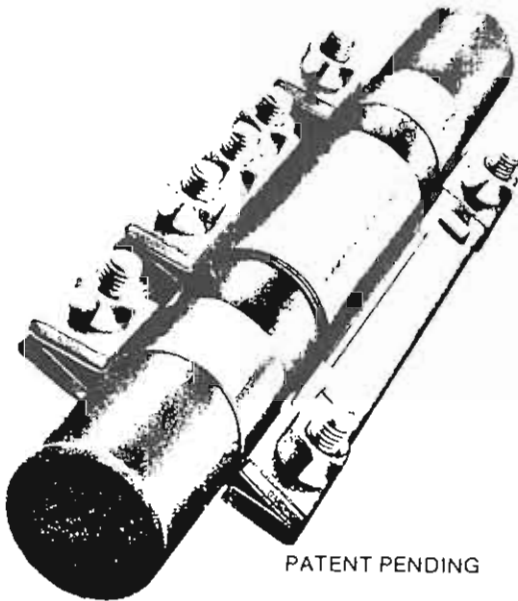
DUAL QUICKON II COUPLERS LISTED ARE 9 1/2" IN LENGTH.

Specifications:

All stainless steel construction including band, strike plate, handle screw and yoke. Gasket is abrasion-resistant, gum rubber attached to band. Static conducting grounding strip included on request.

ORDER by O.D. SIZE, CODE NO. AND GASKET

Side-Band Compression Couplings



PATENT PENDING

Unique design of Side-Band Compression Couplings give you vastly improved axial force holding power to connect or repair threaded or unthreaded pipe and tubing.

Dual locking side bands grip the pipes and allow higher operating pressures than those normally suggested for standard compression couplings. Especially effective where line vibration is a problem, and on plastic pipe.

You get all the positive sealing advantages of the compression coupling in a coupling that can hold its own in fighting end pull.

Available for 1 1/2" through 24" nominal pipe or tubing sizes — including millimeter sizes. Static grounding strips or stainless steel gasket protectors also available.

O.D. of Pipe or Tubing Inches	Coupling Code No.	Wgt. Ea. (Lbs.)	Black Gasket*		White Gasket*	
			PIC No.		PIC No.	
2.000	2-3C-OD-SB	7.3	3102003B		3102003W	
2.375	2-3C-SB	7.7	3102373B		3102373W	
2.500	2 1/2-3C-OD-SB	8.1	3102503B		3102503W	
2.875	2 1/2-3C-SB	8.7	3102873B		3102873W	
3.000	3-3C-OD-SB	9.2	3103003B		3103003W	
	3-4C-OD-SB	10.1	3103004B		3103004W	
3.500	3-3C-SB	9.8	3103503B		3103503W	
	3-4C-SB	10.7	3103504B		3103504W	
4.000	3 1/2-3C-SB	10.3	3104003B		3104003W	
	3 1/2-4C-SB	12.9	3104004B		3104004W	
4.500	4-3C-SB	10.7	3104503B		3104503W	
	4-4C-SB	13.4	3104504B		3104504W	
5.000	4 1/2-3C-SB	11.4	3105003B		3105003W	
	4 1/2-4C-SB	14.1	3105004B		3105004W	
5.563	5-3C-SB	12.3	3105563B		3105563W	
	5-4C-SB	15.0	3105564B		3105564W	

O.D. of Pipe or Tubing Inches	Coupling Code No.	Wgt. Ea. (Lbs.)	Black Gasket*		White Gasket*	
			PIC No.		PIC No.	
6.000	6-3C-OD-SB	12.5	3106003B		3106003W	
	6-4C-OD-SB	15.6	3106004B		3106004W	
6.625	6-3C-SB	13.5	3106623B		3106623W	
	6-4C-SB	16.9	3106624B		3106624W	
8.000	8-3C-OD-SB	24.8	3108003B		3108003W	
	8-4C-OD-SB	28.5	3108004B		3108004W	
8.625	8-3C-SB	25.6	3108623B		3108623W	
	8-4C-SB	29.8	3108624B		3108624W	
10.000	10-3C-OD-SB	29.2	3110003B		3110003W	
	10-4C-OD-SB	33.5	3110004B		3110004W	
10.750	10-3C-SB	28.1	3110753B		3110753W	
	10-4C-SB	32.0	3110754B		3110754W	
12.000	12-3C-OD-SB	32.1	3112003B		3112003W	
	12-4C-OD-SB	37.0	3112004B		3112004W	
12.750	12-3C-SB	32.7	3112753B		3112753W	
	12-4C-SB	37.9	3112754B		3112754W	

Note: For Side-Band coupling length add 8 inches to basic coupling length.

* Neoprene.

• WHEN ORDERING Always give the Code No. and O.D. of the pipe or tube on which coupling will be used.



1.800 KC SUPPLY (527.8775)
www.kcsupply.com

Phone 816.753.7676

Fax 816.753.0444

email: kcsupply@kcsupply.com

TUBE BENDS

for PNEUMATIC SYSTEMS ...
Short and Long Radius

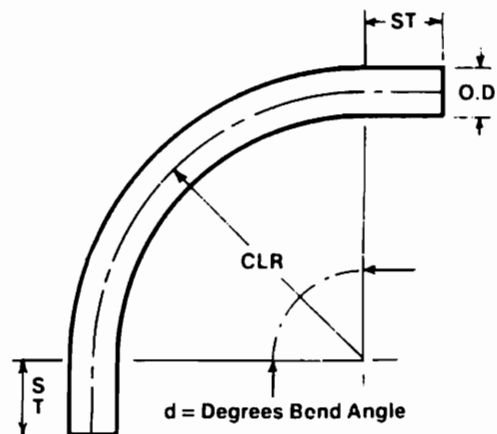
Tube Bending Capabilities

Pipe and tube bends of up to and including 180° are readily available in aluminum, stainless, and carbon steel in the sizes listed below. Other sizes and centerline radii are available but not shown.

Special shapes, offsets, and bifurcated bends available upon request.

Ceramic Lined Bends

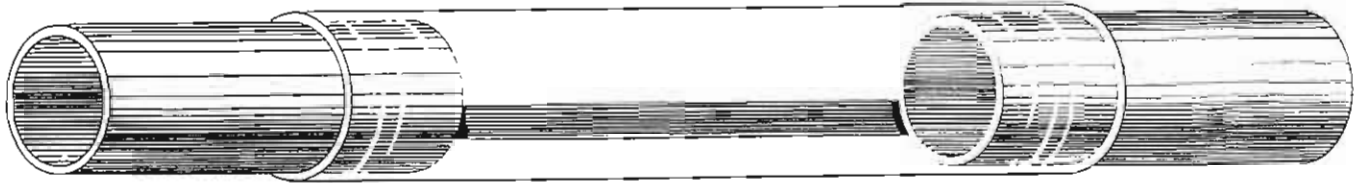
Ceramic lined bends are available that reduce abrasion problems in your pneumatic lines. Glass like surface has an inherent hardness of 5-6 on the mohs scale.



TUBE SIZE	PIPE SIZE	OUTSIDE DIAMETER		COMMON CENTERLINE RADII (CLR)	STD TANGENT (ST)
		INCHES	MILLIMETERS		
2"	2"	2.0	50.8	5, 9, 10, 18, 24, 30, 32, 36, 48	4"
2 1/4"		2.25	57.2	5, 6, 9, 12, 24, 30, 36, 48	4 1/2"
2 1/2"		2.375	60.2	5, 6, 9, 12, 24, 30, 36, 48	4"
		2.5	63.5	12, 24, 30, 36	5"
2 1/2"	2.875	73.0	12, 24, 30, 36, 48	5"	
	3"	3.0	76.2	12, 24, 30, 32, 36, 48	6"
3 1/2"	3"	3.5	88.9	18, 24, 30, 36, 48	7" (6"-pipe)
4"	3 1/2"	4.0	101.6	18, 24, 30, 32, 36, 48	8" (7"-pipe)
4 1/2"	4"	4.5	114.3	30, 32, 36, 40, 48	9" (8"-pipe)
5"	5"	5.0	127.0	32, 36, 40, 48, 60, 72	10"
6"		5.563	141.3	32, 40, 48, 60, 72	10"
	6"	6.0	152.4	36, 48, 60, 72	12"
6"		6.625	168.2	32, 36, 48, 60, 72	12"
	8"	8"	8.0	203.2	72
8.625			219.1	72, 96"	16"
10"		10.750	273.1	96"	20"

TEES			WYES				LATERALS				
OD	A	B	OD	C	D	OD	E	F	OD	E	F
2"	16"	8"	2"	8"	8"	2"	8"	16"	2"	8"	16"
3"	16"	8"	3"	8"	8"	3"	10"	20"	3"	8"	16"
4"	16"	8"	4"	8"	8"	4"	12"	24"	4"	10"	20"
4 1/2"	18"	9"	4 1/2"	10"	10"	4 1/2"	12"	24"	4 1/2"	10"	20"
5"	18"	9"	5"	11"	11"	5"	15"	30"	5"	12"	24"
6"	20"	10"	6"	12"	12"	6"	18"	36"	6"	15"	30"
8"	20"	10"	6"	12"	12"	6"	18"	36"	6"	15"	30"
8"	24"	12"	8"	14"	14"	8"	22"	40"	8"	18"	36"

Sight Glasses



- clear look at the material flowing
- smooth "Straight-thru" Interior
- air-tight seal
- "sighting" section can be furnished in Pyrex

- a grounding strip, permanently attached, eliminates the build-up of static electricity
- fast, easy installation



TUBING OR PIPE INSERTED IN CLEAR ACRYLIC IN FOLLOWING SIZES:

CLEAR ACRYLIC INSERTED IN PIPE IN FOLLOWING SIZES:

Tubing Sizes With Aluminum Ends

PART NO.	OVERALL O.D. 'A'	TUBE O.D.'B'	TUBE I.D. 'C'
SG 1 1/2-OD-16	1.750	1.500	1.375
SG 2 -OD-16FG	2.250	2.000	1.875
SG 2 -OD-11FG	2.250	2.000	1.750
SG 2 1/4-OD-16FG	2.500	2.250	2.125
SG 2 1/2-OD-16FG	2.750	2.500	2.375
SG 2 1/2-OD-11	2.750	2.500	2.250
SG 3 -OD-16FG	3.250	3.000	2.875
SG 3 -OD-11FG	3.250	3.000	2.750
SG 3 1/2-OD-16	3.750	3.500	3.375
SG 3 1/2-OD-11	3.750	3.500	3.250
SG 4 -OD-16FG	4.250	4.000	3.875
SG 4 -OD-11FG	4.250	4.000	3.750
SG 4 1/2-OD-16	4.750	4.500	4.375
SG 4 1/2-OD-11	4.750	4.500	4.250
SG 5 -OD-14	5.250	5.000	4.875
SG 5 -OD-11FG	5.250	5.000	4.750
SG 6 -OD-11FG	6.500	6.000	5.750

Pipe Sizes With Steel Ends

PART NO.	OVERALL O.D. 'A'	TUBE O.D.'B'	TUBE I.D. 'C'
SG 3" -IPSFG	3.500	3.250	3.000
SG 3 1/2"-IPS	4.000	3.750	3.500
SG 4" -IPSFG	4.500	4.250	4.000
SG 5" -IPS	5.563	5.250	5.000
SG 6" -IPSFG	6.625	6.500	6.000

Pipe Sizes With Aluminum Pipe Ends

PART NO.	OVERALL O.D. 'A'	TUBE O.D.'B'	TUBE I.D. 'C'
SG 3" -AP	3.500	3.250	3.000
SG 3 1/2"-AP	4.000	3.750	3.500
SG 4" -APFG	4.500	4.250	4.000
SG 5" -AP	5.563	5.250	5.000
SG 6" -APFG	6.625	6.500	6.000

Pipe Sizes With Steel Ends

SG 2" -IPS	2.500	2.375	2.000
SG 2 1/2"-IPS	3.000	2.875	2.500

Pipe Sizes With Aluminum Pipe Ends

SG 2" -AP	2.500	2.375	2.000
SG 2 1/2"-AP	3.000	2.875	2.500

Material:

Aluminum Tubing 6061-T6 and 6063-T6

"Sight Glass" Cast Acrylic Resin

Steel Pipe Schedule 40

Aluminum Pipe Schedule 40

(Available in Schedule 5 & 10)

Prices of special sizes and materials including Pyrex sighting section available on request.

• This size only is H.R.E.W. Steel Tube

When ordering, please be sure to use the correct part number. Also list tubing or pipe O.D. and wall thickness.



Pneumatic Accessories

Welded Elbows

- 3 Inch OD to 12 Inch OD Elbows are die-stamped in two pieces and welded on the throat and heel.
- Elbows - 3 inch to 16 inch, are welded of 20 gauge galvanized metal
- Standard Gored Elbows are available in 11 inch OD and larger
- Elbows - 18 inch and larger are fabricated of 18 gauge or heavier galvanized metal
- The center line radius is one and one half times the diameter of the elbow
- All Elbows have a 2 inch small end collar which will fit into spiral pipe or flexhose
- All Elbow collars measure the even inch outside
- Gored Elbows are fabricated from segments that are welded together

Die-Stamped Elbows

Smooth Obstruction-free Interior



Gored Elbows

Obstruction-free Interior



Long Radius Welded Air Tight Elbows

One piece elbows are fabricated from a single piece of galvanized sheet metal. They are formed into an elbow by a special machine. Centerline radius is 2.5 times the elbow diameter. Each elbow is welded air tight on the back. Elbows are sized with a small end to fit into the spiral pipe and flexhose.



Full Blastgates

Full Blastgates 3" - 24" are constructed of aluminum castings with a galvanized steel slide blade. Gate can be disassembled for cleaning.

Full Blastgates are used to balance the air going from one branch to another branch. When a machine is used for only a part of the workday, you can close the Blastgate and divert the air to another machine.



Half Blastgates

Half Blastgates have the same construction and quality as the Full Blastgates.

Half Gate is easily installed in existing ductwork. Simply cut a slot halfway around the duct and slide the 20 gauge blade into the opening, then pop rivet the casting to the outside of the duct.

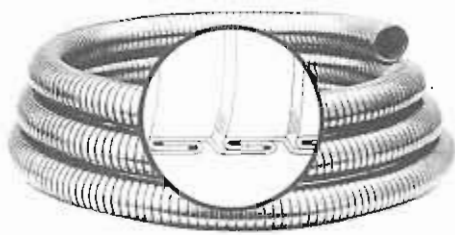


Self-Cleaning Gates

Self-Cleaning Gates are the same construction as Full Blastgates except the galvanized steel blade pushes material through the end of the blastgate casting. This allows the blade to close without jamming on compact materials.



Metal Hose



SUPERFLEX™

Interlocked stainless steel armor (outside) and stainless steel, extra smooth liner (inside) assures highest flow rates. Standard construction is cotton packed. Other packings are available on special order.

Applications:

Pneumatic conveying of grains, powder, pellets, clay, ash, fertilizers, wood chips, drugs, chemicals, corrosive, hot or abrasive materials, and a variety of other dry products.

Characteristics:

Temp. Range: -60°F to +1800°F, depending on packing used. Std. Length: 25'

SUPERFLEX HEAVY DUTY STAINLESS STEEL

Armor Thickness: .018"
Liner Thickness: .018"
I.D. Sizes: 1½" to 16"

SUPERFLEX MEDIUM STAINLESS STEEL

Armor Thickness: .018"
Liner Thickness: .015"
I.D. Sizes: 1½" to 16"

SUPERFLEX LIGHT STAINLESS STEEL

Armor Thickness: .015"
Liner Thickness: .015"
I.D. Sizes: 1½" to 16"

Standard Material Construction	Designed For:
Galvanized outside Galvanized inside	Transfer non-abrasive materials in non-corrosive environment.
Galvanized outside Stainless Steel inside	Transfer corrosive-abrasive materials in non-corrosive environment.
Stainless Steel outside Stainless Steel inside	Transfer corrosive-abrasive materials in corrosive-abrasive environment.

Packing:

For additional leak proofing, a continuous strand is inserted into the groove of the hose during manufacture. The strand is sealed inside the hose, and will not contaminate the product during transference.

Unpacked		Packed	
Packing Type	Benefits	Temperature Ability	
Cotton	Lowest cost	180°F	
Pyro-Pak	Coated high temperature filament	1000°F	
Hard Packing (Copper, Stainless Steel)	For extreme high temperatures	1200°F	
Elastomeric	Maximum pressure/vacuum resistance	180°F	



GALVAFLEX™

Interlocked galvanized steel armor with a choice of stainless steel or galvanized steel liner. Standard construction is not packed.

Applications: For the transfer of a wide variety of dry bulk, hot or abrasive materials

Characteristics:

Temp. Range: -60°F to +400°F
Std. Length: 25'

GALVAFLEX 350S

.018" Galvanized Armor with .018" Stainless Steel Liner.
I.D. Sizes: 1½" to 16"

GALVAFLEX 350C

.018" Galvanized Armor with .018" Galvanized Steel Liner.
I.D. Sizes: 1½" to 16"

GALVAFLEX250S

.018" Galvanized Armor with .015" Stainless Steel Liner.
I.D. Sizes: 1½" to 16"

GALVAFLEX 250C

.018" Galvanized Armor with .015" Galvanized Steel Liner.
I.D. Sizes: 1½" to 16"

GALVAFLEX 150S

.015" Galvanized Armor with .015" Stainless Steel Liner.
I.D. Sizes: 1½" to 8"

GALVAFLEX 150C

.015" Galvanized Armor with .015" Galvanized Steel Liner.
I.D. Sizes: 1½" to 8"

UNLINED METAL HOSE

Interlocked general purpose metal hose. Stainless steel aluminized and galvanized.

Applications: For engine intake and exhaust systems, conduit, granular materials movement, spouts, casings and chimney liners.

Characteristics:

Temp. Range: -60°F to +1800°F, depending on material specified. Std. Length: 25'

UNLINED R-600-S

Extra Heavy Duty Stainless
Strip Thickness: .030"

UNLINED R-600-G

Extra Heavy Duty Galvanized.
Strip Thickness: .030"
I.D. Sizes: 2" to 16"

UNLINED R-500-S

Heavy Duty Stainless Steel.
Strip Thickness: .024"

UNLINED R-500-G

Heavy Duty Galvanized.
Strip Thickness: .024"

UNLINED R-500-AS

Heavy Duty Aluminized Steel.
Strip Thickness: .024"
I.D. Sizes: 3" to 16"

UNLINED R-360-S

Medium/Heavy Duty Stainless.
Strip Thickness: .018"

UNLINED R-360-G

Medium/Heavy Duty Galvanized.
Strip Thickness: .018"

UNLINED R-360-AS

Med /Heavy Duty Aluminized Steel.
Strip Thickness: .018"
I.D. Sizes: 3" to 16"

UNLINED R-300-S

Medium Duty Stainless Steel.
Strip Thickness: .015"

UNLINED R-300-G

Medium Duty Galvanized.
Strip Thickness: .015"
I.D. Sizes: 1" to 16"

UNLINED R-200-S

Light Duty Stainless Steel.
Strip Thickness: .010"

UNLINED R-200-G

Light Duty Galvanized.
Strip Thickness: .010"
I.D. Sizes: 1" to 6"

T.A. HOSE

Extra Heavy Duty or Lightweight packed hose for hot tar.

TA-600G

Extra Heavy Duty Galvanized.
Strip Thickness: .030"
I.D. Sizes: 2", 3", and 4"

TA-500G

Heavy Duty Galvanized.
Strip Thickness: .024"
I.D. Sizes: 2", 3", and 4"



1.800 KC SUPPLY (527.8775)
www.kcsupply.com

Phone 816.753.7676
email: kcsupply@kcsupply.com

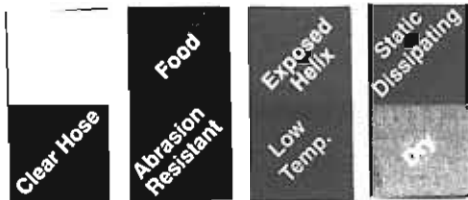
Fax 816.753.0444

Hose Selection Guide

Series	Food	Abrasion Resistant	Liquid	Clear Hose	Air Ducting	Static Dissipating	Exposed Helix	Low Temp.
Series 2001 Hose								
Series PT Hose								
Series WT Hose								
Series WBS Hose								
Series WE Hose								
Series FT Hose								
Series MILK Hose								
Series WU Hose								
Ureflex-1 Hose								
Series UBB Hose								
Ureflex-2 Hose								
Series 2020 Hose								
Urevac-1 Hose								
Urevac-2 Hose								
Series UVF Hose								
Series GTF Hose								
Series GT Hose								
Series GTG Hose								
Series GTW Hose								
Series LK Hose								
Series LK-C Hose								
Series CF Hose								
Series W Hose								
Series WG Hose								
Series H Hose								
Series J Hose								
Series K Hose								
Series F Hose								
Series G Hose								
Series S Hose								
Series MH Hose								
Series WH Hose								
Series WOR Hose								

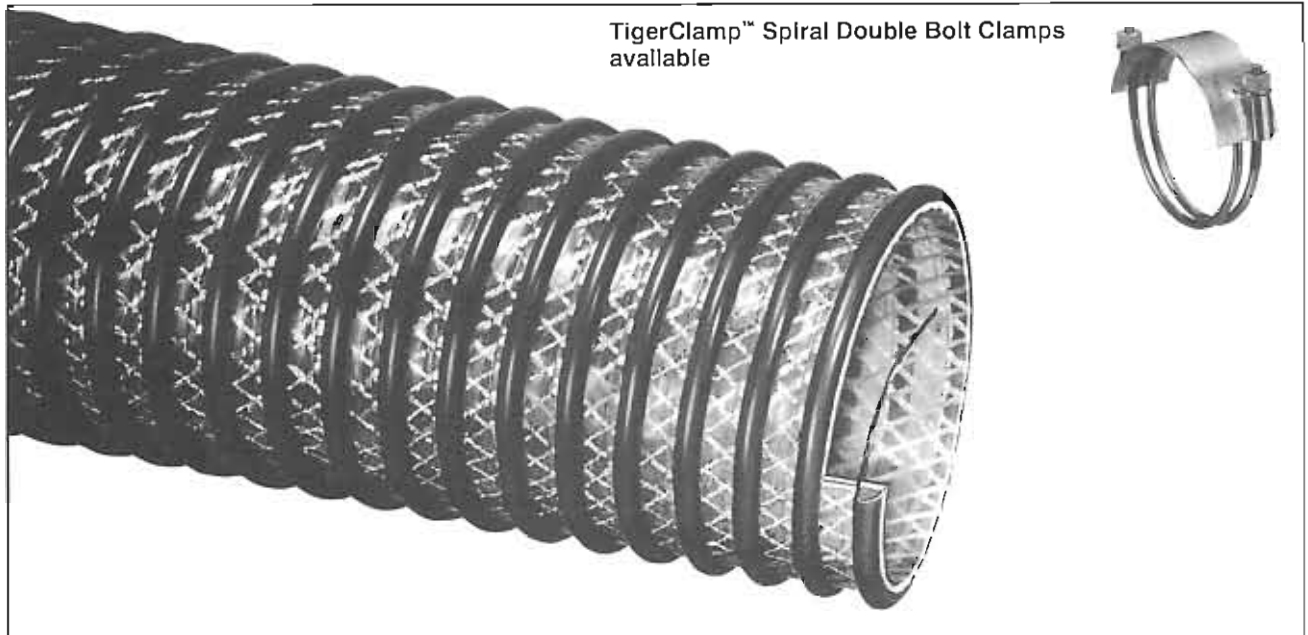
690SB Bulk Commodity (Food and Beverage Hose) - Recommended for bulk food products via suction, pneumatic or gravity systems where FDA stock is required. EX: Flour, sugar and edible grains. Temperature range from -40 F to 150 F continuous service. White Natural Rubber 3/16" Tube with Gray burgundy spiral pipe. Reinforcement: Synthetic, high tensile textile with steel wire helix.

Part No.	Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard Pack
	(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	
306350	1½	38.0	2.23	56.6	150	1.03	30.0	762	10.0	254	1.35	.61	100 ft.
306352	2	51.0	2.75	69.8	150	1.03	30.0	762	12.0	305	1.81	.82	100 ft.
306354	2½	63.0	3.23	82.0	125	.86	30.0	762	15.0	381	2.18	.99	100 ft.
306356	3	76.0	3.75	95.3	100	.69	30.0	762	18.0	457	2.63	1.20	100 ft.
306358	4	102.0	4.71	120.0	75	.52	30.0	762	24.0	610	3.39	1.54	100 ft.
306360	5	127.0	5.75	146.0	55	.38	25.0	635	30.0	762	4.15	1.89	50 ft.
306361	6	152.0	6.82	173.0	50	.34	25.0	635	36.0	914	5.74	2.61	50 ft.



Series 2020

Reinforced Polyurethane-lined material handling hose with embedded static wire For outdoor dry applications



TigerClamp™ Spiral Double Bolt Clamps available

Features and Benefits

- **Clear Polyurethane construction with blue PVC helix** — allows visual confirmation that material is flowing . . . provides high abrasion-resistance.
- **Food grade Polyurethane liner** — complies with all applicable FDA† and USDA‡ requirements.
- **Embedded static wire** — prevents the build-up of static electricity . . . helps keep material flowing smoothly.
- **Polyester fabric reinforcement** — provides increased ability to withstand positive pressures.
- **“See-through” construction** — translucent construction with blue helix allows visual confirmation that material is flowing.
- **Smooth bore construction** — reduces material build-up . . . provides high abrasion resistance and quiet operation (polymer pellet transfer through Series 2020 can be 60 - 70% quieter than with stainless steel hoses).
- **Exposed blue rigid PVC helix** — abrasion-resistant . . . allows hose to slide easily . . . easier to handle.

General Applications

- Pneumatic conveying systems for powder, pellets or other dry granular materials.
- Dry food transfer systems, such as flour, rice, grains, etc.

NOTE: Service life may vary depending on operating conditions and type of material being conveyed. Not for liquid handling use.

Service Temperature Range

-40° F to 150° F

Actual service temperature range is application-dependent.

Series	ID (In.)	Nominal		Approx. Liner Thickness (mm)	Working Pressure (PSI)		Vacuum Rating (Inches Hg)		Min. Bending Radius (In.) @ 68° F	Standard Length (Ft)	Approx. Wt. (lbs/ft.)	
		ID (mm)	OD (In.)		OD (mm)	68° F	104° F	68° F				104° F
2020-300	3"	76.2	3.70	94.1	1.8	70	35	Full	28	6	100/50	1.10
2020-400	4"	101.6	4.80	127.0	2.0	65	30	Full	28	8	100/50	1.50
2020-500	5"	127.0	5.98	152.0	2.0	45	22	28	25	10	100/50/20	2.40
2020-600	6"	152.4	7.16	182.0	2.3	40	22	28	25	12	100/50/20	3.30

† FDA — CFR Title 21 Parts 177.1680, and 177.2600 requirements.

‡ USDA — For use in federally-inspected meat and poultry plants.



1.800 KC SUPPLY (527.8775)
www.kcsupply.com

Phone 816.753.7676
email: kcsupply@kcsupply.com

Fax 816.753.0444

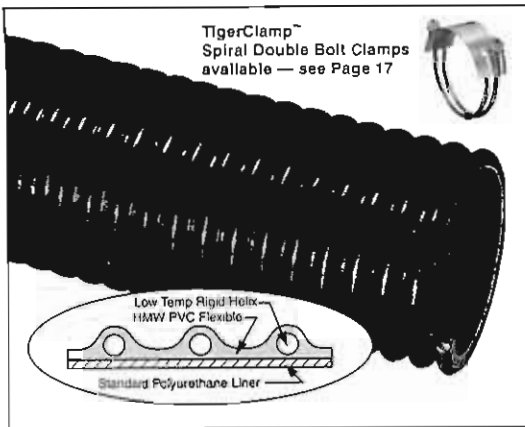
ARTRAC Hose



Used for a variety of abrasive material handling applications to transfer sand, gravel, cement, fly ash, glass, metals, plastic pellets, wood chips, bark, fertilizers, grain, rock salt and slurries. All sizes are rated at full vacuum.

Tube and cover are made of a static-conductive thermoplastic alloyed blend of nitrile, polyurethane, and PVC. Reinforced with Rigid Pliovic helix. Temperature Range from -30 F to 150 F.

NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m
1 1/4	31.8	1.6	40.6	45	.31	3.0	76.2	29	736.6	.36	.54
1 1/2	38.1	1.94	49.2	45	.31	3.2	81.3	29	736.6	.42	.62
2	50.8	2.5	63.5	45	.31	5.5	139.7	29	736.6	.72	1.07
2 1/2	63.5	3.05	77.4	40	.28	6.0	152.4	29	736.6	.85	1.26
3	76.2	3.77	95.8	40	.28	7.5	190.5	29	736.6	1.1	1.65
4	101.6	4.85	123.2	40	.28	11.0	279.4	29	736.6	2.16	3.21
5	127.0	5.78	146.9	40	.28	15.0	381.0	29	736.6	2.6	3.87
6	152.4	7.08	179.8	40	.28	20.0	508.0	29	736.6	3.26	4.85
8	203.2	9.18	233.2	30	.21	30.0	762.0	29	736.6	5.91	8.80
10	254.0	11.06	280.0	25	.17	45.0	1143.0	29	736.6	7.66	11.41



NOTE: Service life may vary depending on operating conditions and type of material being conveyed. Not for liquid handling use.

Service Temperature Range

-40° F to 150° F

Actual service temperature range is application-dependent.

UREFLEX-1

Polyurethane-lined abrasion-resistant PVC material handling hose For dry applications

Features and Benefits

- Smooth polyurethane lining — provides resistance to abrasion . . . eliminates material build-up.
- All-black HMW PVC convoluted cover — formulated with anti-static compound . . . also provides sub-zero flexibility.

General Applications

- Industrial vacuum machines.
- Pneumatic conveying systems for powder, pellets or granular materials.
- Abrasive material transfer.
- Grain Handling.
- Sand/shot blast recovery line.
- Roof rock cleaning.
- Fly ash collection.

Series	Nominal ID		Approx. Liner OD Thickness (mm)	Working Pressure (PSI)	Vacuum Rating (Inches Hg)	Min. Bending Radius (In.)	Standard Length (Ft)	Approx. Wt. (lbs/ft.)				
	(In.)	(mm)										
UF1-125	1 1/4	32.0	1.53	39.0	0.6	50	25	Full	28	2	100	.22
UF1-150	1 1/2	38.1	1.85	47.0	0.6	50	25	Full	28	2	100/50	.42
UF1-200	2	50.8	2.40	61.0	0.7	40	20	Full	28	3	100/50	.59
UF1-250	2 1/2	63.5	3.07	78.0	0.9	40	20	Full	28	3	100/50	.80
UF1-300	3	76.2	3.64	92.4	1.0	40	20	Full	28	4	100/50	1.17
*UF1-350	3 1/2	88.9	4.21	106.9	1.0	35	18	Full	28	5	100/50	1.48
UF1-400	4	101.6	4.76	120.9	1.2	35	18	Full	28	6	100/50	1.94
UF1-500	5	127.0	5.75	146.0	1.2	35	18	28	25	10	100/50/20	2.41
UF1-600	6	152.4	6.81	173.0	1.5	30	15	28	25	12	100/50/20	3.50
UF1-800	8	203.2	9.18	233.2	1.8	30	15	28	25	18	50/20	5.90

* Special production order size — check with factory for minimum quantity requirements.



TigerClamp™
Spiral Double Bolt Clamps
available

NOTE: Service life may vary depending on operating conditions and type of material being conveyed. Not for liquid handling use.

Service Temperature Range

-4° F to 150° F

Actual service temperature range is application-dependent.

Note: The effectiveness of static dissipation is application-dependent, based upon humidity, material conveyed, and length of hose.

Series	Nominal				Working Pressure (PSI)				Vacuum Rating (Inches Hg)				Min. Bending Radius (In.) @ 68°F	Standard Length (Ft)	Approx. Wt. (lbs./ft.)
	ID (In.)	ID (mm)	OD (In.)	OD (mm)	68°F	104°F	68°F	104°F	68°F	104°F	68°F	104°F			
WBS150	1½"	38.1	1.92	48.8	50	25	28	28	3	100	.35				
WBS200	2"	50.8	2.40	61.0	40	20	28	24	4	100	.56				
WBS250	2½"	63.5	2.99	75.9	40	20	28	24	5	100	.77				
WBS300	3"	76.2	3.64	92.5	40	20	28	24	6	100	1.10				
WBS400	4"	101.6	4.72	119.9	35	18	24	20	10	100/50	1.80				
WBS45M	1.73"	44.0	2.09	53.0	45	25	28	24	4	50	.44				
WBS57M	2.20"	56.0	2.63	66.7	40	22	28	24	5	50	.62				

† FDA — CFR Title 21 Parts 170 to 199.

‡ USDA — For use in Federally-inspected meat and poultry plants.

Series WBS

Anti-static
PVC food grade
material handling hose
For dry applications

Features and Benefits

- Clear PVC with white helix — complies with all applicable FDA† and USDA‡ requirements . . . allows visual confirmation that material is flowing.
- Anti-static thermoplastic compound — prevents the build-up of static electricity . . . helps to keep material flowing smoothly.
- Wireless static-dissipating design — allows for ease of coupling and installation.
- Smooth bore construction — eliminates material build-up.
- Convoluted cover design — provides increased flexibility.

General Applications

- Pneumatic conveying systems for powder, pellets or granular materials.
- Pharmaceutical product transfer.
- Hopper loader systems.



TigerClamp™
Spiral Double Bolt Clamps
available

NOTE: Service life may vary depending on operating conditions and type of material being conveyed. Not for liquid handling use.

Service Temperature Range

-4° F to 150° F

Actual service temperature range is application-dependent.

Series WE

Heavy duty PVC food grade
material handling hose
with embedded static wire
For dry applications

Features and Benefits

- Clear PVC construction — complies with all applicable FDA† and USDA‡ requirements . . . allows visual confirmation that material is flowing.
- Embedded static wire — prevents the build-up of static electricity . . . helps to keep material flowing smoothly.
- Smooth bore construction — eliminates material build-up.
- Convoluted cover design — provides increased flexibility.

General Applications

- Pneumatic conveying systems for powder, pellets or granular materials.
- Paper mill vacuum lines.

Series	Nominal				Working Pressure (PSI)				Vacuum Rating (Inches Hg)				Min. Bending Radius (In.) @ 68°F	Standard Length (Ft)	Approx. Wt. (lbs./ft.)
	ID (In.)	ID (mm)	OD (In.)	OD (mm)	68°F	104°F	68°F	104°F	68°F	104°F	68°F	104°F			
WE125	1¼"	32.0	1.65	42.0	50	25	28	28	4	60	.32				
WE150	1½"	38.1	1.93	49.0	50	25	28	28	4	60	.43				
WE200	2"	50.8	2.40	61.0	40	20	28	24	4	60	.58				
WE250	2½"	63.5	2.99	75.9	40	20	28	24	5	60	.88				
WE300	3"	76.2	3.64	92.5	40	20	28	24	6	60	1.25				
WE400	4"	101.6	4.72	120.0	35	18	24	20	10	60	1.93				
WE500	5"	127.0	5.74	146.0	30	15	24	20	16	60/20	2.40				
WE600	6"	152.4	6.81	175.5	30	15	24	20	18	60/20	3.70				
WE45M	1.73"	44.0	2.09	53.0	45	25	28	24	4	60	.46				
WE57M	2.20"	56.0	2.63	66.7	40	22	28	24	5	60	.64				

† FDA — CFR Title 21 Parts 170 to 199.

‡ USDA — For use in Federally-inspected meat and poultry plants.



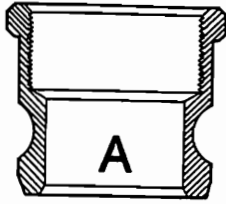
1.800 KC SUPPLY (527.8775)
www.kcsupply.com

Phone 816.753.7676
email: kcsupply@kcsupply.com

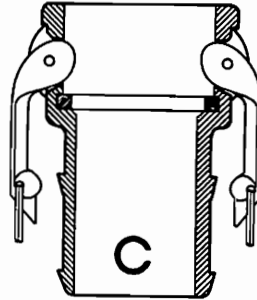
Fax 816.753.0444

Cam and Groove Couplings

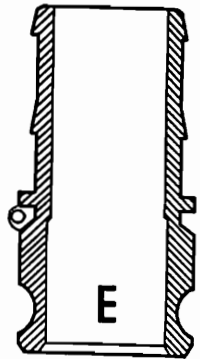
A
ADAPTER
THREAD FEMALE NPT



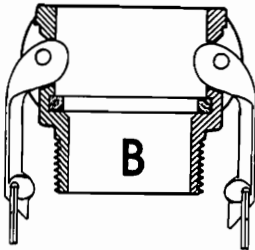
C
COUPLER
HOSE SHANK



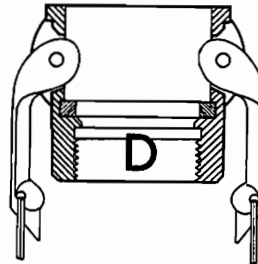
E
ADAPTER
HOSE SHANK



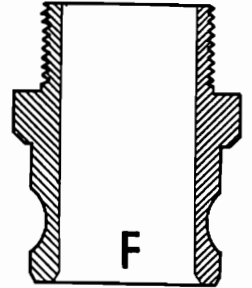
B
COUPLER
THREAD MALE NPT



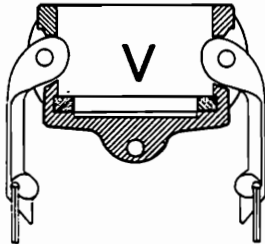
D
COUPLER
THREAD FEMALE NPT



F
ADAPTER
THREAD MALE NPT

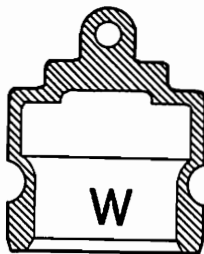


V
DUST CAP

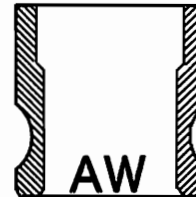


WELD PARTS

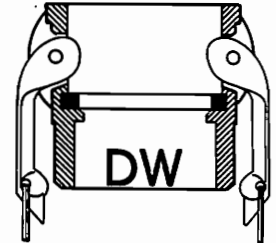
W
DUST PLUG



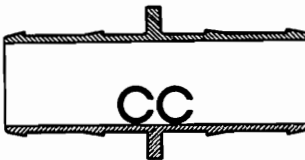
AW ADAPTER



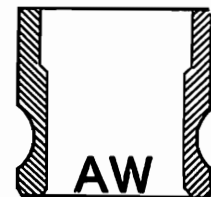
DW COUPLER
SOCKET AND BUTT



CC
HOSE MENDERS



AW ADAPTER



DW COUPLER
SOCKET AND BUTT