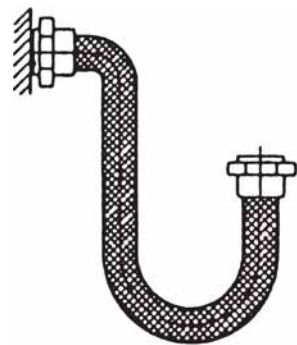
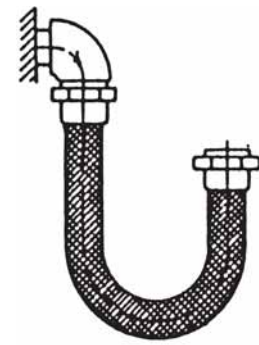


Technical Information (Do's and Don'ts)

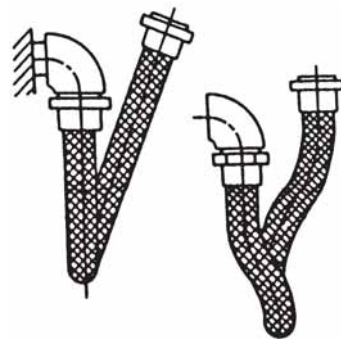
Wrong



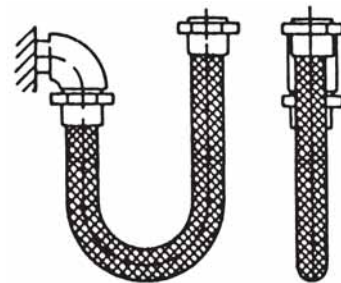
Right



Wrong



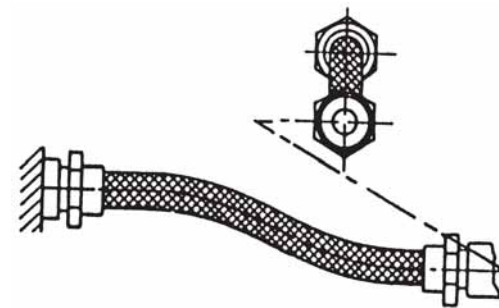
Right



Wrong



Right



Nominal Bore Hose follows the SAE 100R14 tubing standard which is typically labeled in 'dash' sizes (1/16 of an inch). For example, 1/2" tubing is 1/2" O.D. with a slightly smaller I.D. Thus, dash 8 (-08) nominal hose is 8/16" or 1/2" O.D., yielding an average I.D. of 13/32". All manufacturers of Nominal Fluoropolymer hose follow the same nominal I.D. / O.D. standard.

VS

True Bore Hose on the other hand follows the same I.D. as schedule 40 pipe; therefore, a typical 2" I.D. true bore hose is the exact same bore size as its mating 2" pipe.

Dixon Specialty Hose

151 Dixon Drive
Chestertown, MD 21620
Phone: 888.226.4673
Fax: 410.778-1958

www.gsindustries.com



The Right Connection™

Through its divisions and affiliated companies, Dixon is recognized as the premier manufacturer and supplier of hose fittings and accessories spanning a wide range of industrial uses. Dixon's reach includes products for fire protection, food, dairy processing, beverage and brewery, mobile tankers, mining, construction, chemical processing, petroleum, oilfields, refining, nuclear and manufacturing.



The Right Connection™



Dixon Specialty Hose
Featuring InteFlex Hose & Fittings

Dixon Specialty Hose InteFlex Hose and Fittings

- nominal and convoluted designs
- 100% air under water assembly testing at 125 PSI, other testing is available
- Dixon Specialty Hose offers a complete range of smooth bore and convoluted hose with a variety of related end connections, including those that satisfy sanitary and 3A requirements.

Nominal Smooth Bore Hose



PTFE Smooth Bore
Non-conductive Hose

Nominal standard smooth bore PTFE hose.
Meets SAE100R14.

Range:
• - 3 to - 20

Operating temperature:
• -76°F to +500°F (-60°C to +260°C)

Applications:
• Suitable for conveying chemicals, foods, pharmaceuticals, oils, gas, fuels and steam. Available in a variety of end connections in brass, carbon steel and stainless steel.

Options:
• Other styles of fittings are available including bent tubes and plain tube ends, please call us for additional information.
• Extruded or heat shrink coverings are available upon request.



PTFE Smooth Bore
Conductive Hose

Fittings



male NPT



female JIC/SAE swivel



male NPT



sanitary clamp end



female JIC swivel

Convoluted True Bore Hose

Seamless helical convoluted PTFE hose suitable for pressure or vacuum service. Dixon Specialty Hose offers non-conductive and static dissipating designs.



PTFE Convoluted
Non-conductive Hose



PTFE Convoluted
Conductive Hose

Range:

- 3/8" to 2"

Operating temperature:

- -76°F to +500°F (-60°C to +260°C)

Applications:

- Suitable for conveying acids, chemicals, foods and pharmaceuticals. Excellent resistance to vibration.

Options:

- Other fittings are available in many popular configurations
- Other braids including synthetic, extruded and heat shrink coverings are available upon request

Fittings



encapsulated flange retainer
(crimp collar not shown)



flange retainer
(flange not shown)

Smooth Bore

Hose Part # (white)	Hose Part # (black)	Hose Size (inches)	Average ID (inches)	Average OD (inches)	Working Pressure (PSI)	Burst Pressure (PSI)	Bend Radius (inches)	Weight (lbs./ft.)	Maximum Continuous Length (ft.)
WSB-03	BSB-03	3/16	0.125	0.25	3,000	12,000	2	0.047	300
WSB-04	BSB-04	1/4	0.187	0.312	3,000	12,000	2	0.077	400
WSB-05	BSB-05	5/16	0.25	0.375	3,000	12,000	3	0.098	300
WSB-06	BSB-06	3/8	0.312	0.445	2,500	10,000	4	0.11	300
WSB-06T	BSB-06T	7/16	0.375	0.503	2,250	9,000	4.5	0.124	300
WSB-08	BSB-08	1/2	0.405	0.549	2,000	8,000	5.2	0.124	200
WSB-10	BSB-10	5/8	0.5	0.648	1,500	6,000	6.5	0.154	180
WSB-12	BSB-12	3/4	0.625	0.778	1,200	4,800	7.7	0.17	150
WSB-12T	BSB-12T	7/8	0.75	0.885	1,100	4,400	8.2	0.198	100
WSB-16	BSB-16	1	0.875	1.03	1,000	4,000	9	0.273	100
WSB-16T	BSB-16T	1-1/8	1	1.135	900	3,600	10	0.305	75
WSB-20	BSB-20	1-1/4	1.125	1.29	750	3,000	16	0.35	75

Open Pitch Convoluted

Hose Part # (white)	Hose Part # (black)	ID (inches)	OD (inches)	Working Pressure (PSI)	Burst Pressure (PSI)	Bend Radius (inches)	Vacuum (in./Hg)
WOC-T06	BOC-T06	3/8	0.595	1500	6000	1.5	29.9
WOC-T08	BOC-T08	1/2	0.744	1600	6400	2	29.9
WOC-T10	BOC-T10	5/8	.892	1300	5230	3	29.9
WOC-T12	BOC-T12	3/4	1.039	1015	4060	3.5	29.9
WOC-T16	BOC-T16	1	1.299	725	2900	4	29.9
WOC-T20	BOC-T20	1-1/4"	1.594	650	2600	4.25	29.9
WOC-T24	BOC-T24	1-1/2"	1.85	580	2320	4.5	29.9
WOC-T32	BOC-T32	2	2.402	522	2088	5.5	29.9

