Data Sheet

Standard Hose Fittings

The Right Connection®

Standard Hose Fittings

102	Male pipe
102-BSPT	Male pipe - british thread
103 [1]	Male pipe swivel
104	Female pipe
104SS	Female pipe - 303 stainless steel
105 [1]	Female pipe swivel
124	Female swivel - ball seat
126	Female swivel - gasket seat
129	90° elbow, male pipe
129SS	90° elbow, male pipe - 316 stainless steel
134	90° elbow, female pipe
139	45° elbow, male pipe
142	Male 45° SAE 8
143	Female swivel 45° SAE/37° JIC dual angle seat
144	Female swivel 45° SAE
145	Female swivel 37° JIC
177	90° elbow splicer
177SS	90° elbow splicer - 304 stainless steel
178	Hose splicer
179	Tee splicer
179SS	Tee splicer - 304 stainless steel
268	Male pipe beaded hose barb

Compliances (Thread Ends):

- SAE J476, J512, J514, and J516

Compatible Hoses

- All SAE dimensioned low pressure reinforced rubber and elastomeric general service air and water hoses, low pressure hydraulic and contractor water hoses. Worm gear clamps or crimp ferrules are required.

Materials

- Brass: alloy 360 for straight fittings
- Brass: alloy 377 for forged shapes
- Brass: alloy CA2745 or C46400 for lead-free brass (parts ending in LF)
- Brass: alloy C3604 for extruded shapes
- Stainless steel: Type 303, 304, and 316
- Plating: optional electroless nickel

Performance

- Working pressure: **250 PSI** maximum @ **72°F (22°C)** (except 103 and 105-series[1] rated to **80 PSI** operational performance)
- Operating temperature range: **-40°F to 160°F (-40°C to 71°C)** at **150 PSI** maximum
- Vacuum: not rated

Applications / Markets

- Industrial air and non-potable water service
- Compressor lines, pneumatic tools, low pressure spray
- Construction air and water transfer
- 'LF' Lead-Free option for potable water service

Strengths / Features

- Economy, corrosion resistance
- Over 225 available products
- Full size range from 1/8" up to 1-1/4"
- Special sizes, configurations, and thread specifications available on request
- A variety of brass crimp ferrules and tools are available
- Wide selection of band and worm gear hose clamp available through Dixon

Price Advantage

- Special quotes available for high volume opportunities

[1] 103 and 105-series working pressure rated to **80 PSI** operational performance

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