Parker Product Datasheet



This innovative reducer system, using a full range of nuts and olives, enables different diameters of stainless steel, fluoropolymer or polymer tubes to be fitted onto a single Parker Legris compression fitting.

PART NUMBER: 1822 12 13
CONNECTION 1 THREAD STYLE: na
CONNECTION 1 THREAD SIZE (METRIC): na
CONNECTION 4 TUBE O.D. (MM): 13
CONNECTION 3 TUBE O.D. (MM): 12
CONNECTION 2 TUBE O.D. (MM): na
NUT MATERIAL: na
SLEEVE MATERIAL: na
SHAPE: Barb connector for hose
PRODUCT TYPE: Stainless Steel Compression Fittings

PRODUCT OVERVIEW

This innovative reducer system, using a full range of nuts and olives, enables different diameters of stainless steel, fluoropolymer or polymer tubes to be fitted onto a single Parker Legris compression fitting. The use of a single fitting for multiple tube materials and sizes allows for improved stock management and reduces inventory costs.

Features/Benefits:

- Efficient Solution

• Reduces envelope dimensions
• Quick and easy to assemble, whatever the diameters and tube material
• Improved stock management
• Silicone-free

- Multiple Combinations

• A single connector for up to 3 different tube materials and sizes.
example:
Advanced PE tubing 6 mm O.D.
stainless steel tubing 8 mm O.D.
fluoropolymer tubing 12 mm O.D. or braided PVC hose 10 mm I.D.
• A full range of olives and nuts to optimise all assembly operations

Markets:

• Food and Beverage
• Vehicle Assembly Facilities
• Miscellaneous Manufacturing
• Oil and Gas
• Industrial Chemical Processing

Applications:

• Pneumatic Machinery Equipment at Medium and High Pressure
• Suitable for Corrosive Industrial Fluids

Technologies:

• Compression fittings
• Connects to stainless steel tube
• Connects to fluoropolymer tube
• Connects to polymer tube
• Stainless steel reducer
• Pneumatic fittings

Regulations:

• DI: 2002/95/EC (RoHS), 2011/65/EC
• DI: 97/23/EC (PED)

• RG: 1935/2004
• RG: 1907/2006 (REACH)
• DI: 94/09/EC (ATEX)
• FDA: 21 CFR 177.1550
• NACE MR0175: compatible materials
• ISO 15156-1/-2/-3: compatible materials

Product Types:

• 3-Piece Reducer
• Stainless Steel Olive
• Stainless Steel Nut
• Barb Adaptor for Hose
• Stainless Steel Tube Support

TECH SPECIFICATIONS

MINIMUM OPERATING TEMPERATURE	-40 °C
MAXIMUM OPERATING TEMPERATURE	250 °C
DIVISION	Low Pressure Connectors Europe Division
QUANTITY PER BOX	2
MEDIA	Many fluids
APPLICATION	Food Process, Fluid Transmission, Pneumatics, Automotive Process, Petrochemical, Cooling & Heating, Chemical, Offshore Oil & Gas
WEIGHT	0.016 kg
MAXIMUM OPERATING PRESSURE	80 barg
SPECIFICATIONS MET	DI: 2002/95/EC (RoHS), 2011/65/EC, DI: 97/23/EC (PED), RG: 1935/2004, RG: 1907/2006 (REACH), DI: 94/09/EC (ATEX), FDA: 21 CFR 177.1550, NACE MR0175: compatible materials, ISO 15156-1/-2/-3: compatible materials