

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 10 10
CONNECTION 1 THREAD STYLE: na
CONNECTION 1 THREAD SIZE (METRIC): na
SHAPE: Barb connector for hose
SLEEVE MATERIAL: na
CONNECTION 3 TUBE O.D. (MM): 10
CONNECTION 4 TUBE O.D. (MM): 10
NUT MATERIAL: na
CONNECTION 2 TUBE O.D. (MM): na
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

WEIGHT	0.013 kg
MAXIMUM OPERATING TEMPERATURE	250 °C
APPLICATION	Food Process, Fluid Transmission, Pneumatics, Automotive Process, Petrochemical, Cooling & Heating, Chemical, Offshore Oil & Gas
MAXIMUM OPERATING PRESSURE	80 barg
QUANTITY PER BOX	2
MINIMUM OPERATING TEMPERATURE	-40 °C
DIVISION	Low Pressure Connectors Europe Division
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
MEDIA	Many fluids