Parker Product Datasheet



Parker Legris offers a range of metal couplers compatible with a large selection of fluids. Simple to install, with or without shut-off valves, these couplers offer a high flow rate capability.

PART NUMBER: 2511 12 12
COUPLING HALF: Coupler
COLOR: n/a
FUNCTION: Single Shut-Off
CONNECTION 1 TUBE OUTSIDE DIAMETER: 12.0
CONNECTION 2 TUBE OUTSIDE DIAMETER: 13.5
CONNECTION SIZE: n/a
BODY MATERIAL: Brass
CONNECTION TYPE: Hose Barb
SEAL MATERIAL: NBR
DIAMETER: 12
GRIPPING RING MATERIAL: n/a
SPECIAL OPTION: n/a

PRODUCT OVERVIEW

In order to fulfill the requirements of the widest range of industrial applications, Parker Legris offers a range of metal couplers compatible with a large selection of fluids.

Simple to install, with or without shut-off valves, these couplers offer a high flow rate capability.

Features/Benefits:

- Easy-to-Use

• Coupler with sliding sleeve: automatic connection and disconnection
• Wide variety of male probes
• Extremely compact
• Single or double shut-off models for greater safety
• Special range designed for pneumatic applications: 13 Series to 27
• Special range designed for the transmission of water and fluids: Midi and Maxi series

- Robust & Reliable

• 100% leak-tested in production
• Excellent shock and impact resistance
• Nickel-plated brass for corrosion resistance
• Stainless steel version for restrictive environments

- Optimum Performance

• Very wide range of flow rates
• 'UltraFlo' technology: 18, 22, 23, 25 and 27 series
• Low pressure drop
• Long service life
• Maximum energy efficiency

Markets:

• Packaging
• Factory Automation
• Miscellaneous Manufacturing
• Vehicle Assembly Facilities

Applications:

• Compressed Air and Water Circuits Automatic Connection and Disconnection
• Workshops
• Flushing
• Spraying
• Filling Systems
• Cleaning

Technologies:

• Quick acting coupler
• Metal coupler
• Double probe
• Y coupler
• Universal adaptor
• Adjustable nozzle
• Couplings
• Universal adapter
• Fluid coupling
• Couplers
• Quick coupling
• Universal coupling

Technical Characteristics:

• Compatible fluids: Compressed air, water
• Materials: nickel-plated brass, stainless steel 316L, nickel-plated steel, NBR, FKM, stainless steel
• Pressure: Vacuum to 20 bar
0 to 35 bar (stainless steel series)
• Temperature: -20°C to +100°C
-15°C to +200°C (stainless steel series)

Product Types:

• Coupler, Male BSPT and Parallel Metric Thread
• Coupler, Straight-Through, Male BSPT Thread
• Probe, Valved, Male BSPT Thread
• Probe, Straight-Through, Male BSPT Thread
• Probe without Shut-off, Male BSPT Thread
• Probe, Straight-Through with Barb Connection for Polyamide (PA) Tubing
• Probe, Straight-Through with Barb Connection for Flexible Tubing
• Probe, Straight-Through with LF 3000® Push-In Connection
• Coupler, Female BSPP Thread
• Probe, Straight-Through, Male BSPP Thread
• Probe, Straight-Through, Female BSPP Thread
• Probe, Straight-Through, with Barb Connection for Flexible Tubing
• Double Probe

- Coupler, Female BSPP Thread
- Coupler, Straight-Through, Female BSPP Thread
- Coupler with Barb Connection for Hose
- Coupler, Straight-Through, with Barb Connection for Hose
- Probe, Straight-Through, Male BSPP Thread
- Probe, Straight-Through, Female BSPP Thread
- Probe, Straight-Through, Female BSPP Thread
- Probe, Straight-Through, with Barb Connection for Flexible Tubing
- Probe, Straight-Through, with Barb Connection for Flexible Hose
- Y Coupler, Straight-Through
- Coupler with Tap, Male BSPP Thread
- Plug
- Universal Coupler Adaptor
- Universal Probe Adaptor
- Water Pistol
- Adjustable Nozzle
- Coupler, Straight-Through, Female BSPP Thread
- Coupler, Straight-Through with Barb Connection for Hose
- Coupler, Straight-Through, Male BSPP Thread
- Coupler, Straight-Through with Barb Connection for Flexible Hose
- Coupler, Male BSPP Thread
- Coupler, Female BSPP Thread
- Probe, Valved, Male BSPP Thread
- Probe, Straight-Through, Male BSPP Thread
- Probe, Valved, Female BSPP Thread
- Probe, Straight-Through, Female BSPP Thread
- Coupler, Male BSPP and Metric Thread
- Coupler, Female BSPP and Metric Thread
- Probe, Valved, Male BSPP and Metric Thread
- Probe, Straight-Through, Male BSPP and Metric Thread
- Probe, Valved, Female BSPP and Metric Thread
- Probe, Straight-Through, Female BSPP and Metric Thread
- Coupler, Male BSPP Thread
- Coupler, Female BSPP Thread
- Probe, Valved, Male BSPP Thread
- Probe, Straight-Through, Male BSPP Thread
- Probe, Valved, Female BSPP Thread
- Probe, Straight-Through, Female BSPP Thread

TECH SPECIFICATIONS

DIVISION	Low Pressure Connectors Europe Division
MINIMUM OPERATING TEMPERATURE	-4 °F
APPLICATION	Factory Automation
OPERATION TYPE	No Sleeve
PRODUCT SERIES	Midi Series
MAXIMUM OPERATING TEMPERATURE	212 °F
APPLICATION	Cleaning
BRAND	Parker
SLEEVE MATERIAL	Without Sleeve
OUTSIDE DIAMETER	n/a mm
MAXIMUM OPERATING PRESSURE	290 psi
FLOW RATE	2.200 L/min (air)
HEX SIZE	n/a
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
APPLICATION	Spraying
TECHNOLOGY	Pneumatics
VALVE TYPE	Standard Valve
CONNECTION TYPE	Hose Barb
APPLICATION	Flushing
PRODUCT TYPE	Pneumatic Quick Couplings
DIVISION	Low Pressure Connectors Europe Division
VALVE INCLUDED	Yes
APPLICATION	Workshops

FUNCTION	Single Shut-Off
SEAL MATERIAL	NBR
LENGTH	n/a mm
MAXIMUM OPERATING PRESSURE	20 bar
MAXIMUM OPERATING TEMPERATURE	100 °C
WEIGHT	0.145 kg
INDUSTRY	General Industrial
PRODUCT STYLE	Quick Connect
PLATING TYPE	Nickel-Plated
BRAND	Legris
APPLICATION	Filling Systems
DIAMETER	12 mm (nominal)
COUPLING HALF	Coupler
REGION OF ORIGIN	France
INTERCHANGE TYPE	Parker Profile
APPLICATION	Packaging
CONNECTION SIZE	12
MINIMUM OPERATING TEMPERATURE	-20 °C
BODY MATERIAL	Brass
QUANTITY PER BOX	VLOOKUP(A367,[1]default_1!$A:$P,16,FALSE)