Parker Product Datasheet



This range of ergonomic polymer couplers has been designed for the safety of operators and machinery while giving very high energy efficiency performance.
Available in three profile standards, it is perfectly suited for any type of installation.

PART NUMBER: 9421E07 10
COUPLING HALF: Coupler
CONNECTION TYPE: Tube
BODY MATERIAL: Brass
DIAMETER: ND 7.2
SLEEVE MATERIAL: Thecnical polymer
CONNECTION SIZE: 10MM
PROFILE: EURO

PRODUCT OVERVIEW

This range of ergonomic polymer couplers has been designed for the safety of operators and machinery while giving very high energy efficiency performance.

Available in three profile standards, it is perfectly suited for any type of installation.

Features/Benefits:

- Safety & Reliability

• Prevents risk of whiplash
• Quick-acting vent allowing disconnection to be carried out in total safety

• Rotating sleeve to avoid risk of accidental disconnection
• Low connection/disconnection force even under pressure
• Polymer sleeve protects equipment from scratching
• Protective spiral over the tube prevents kinking

- Performance

• Very high flow and low pressure drop
• 100% leak-tested in production
• Date coding to guarantee quality and traceability
• Robust impact-resistant material
• Optimum energy efficiency
• Long-term reliability

- Easy-to-Use

• Immediate identification by clear marking on each model showing:
profile of the compatible male probe
type part number
• Compatible with male probes conforming to:
ISO B profile
European profile
ARO profile

Markets:

• Packaging
• Miscellaneous Manufacturing
• Vehicle Assembly Facilities

Applications:

• Compressed Air Circuits Automatic Connection and Disconnection
• Workshops
• Air Operated Tools
• Ring Main Circuits
• Cleaning
• Blowing

Technologies:

• Quick acting coupler
• Quick coupling
• Quick connect coupling
• Quick connect coupler
• Y coupler
• Coupler
• Coupling
• C9000

Technical Characteristics:

• Compatible fluids: Compressed air
• Materials: Technical polymer, aluminium, nickel-plated brass, zamak, stainless steel
• Pressure: Vacuum to 16 bar
• Temperature: -20°C to +60°C

Regulations:

• DI: 97/23/EC (PED)
• DI: 2002/95/EC (RoHS), 2011/65/EC
• DI: 1907/2006 (REACH)
• ISO 4414 Pneumatic Fluid Power: General Rules Relating to Systems
• DIN EN 983 Safety Standard for Pneumatics

Product Types:

• Coupler, Male BSPP Thread
• Coupler, Male BSPT Thread
• Coupler, Female BSPP Thread
• Coupler, LF 3000® Push-In Connection, Body Spiral Protection Spring
• Coupler with Hosetail
• Coupler, Bulkhead Mountable, Female BSPP Thread
• Y Coupler, Female BSPP Thread
• Probe, Straight-Through, Male BSPP Thread
• Probe, Straight-Through, Female BSPP Thread
• Probe, Straight-Through, LF 3000® Push-In Connection, with Spiral Protection Spring
• Probe, Straight-Through, with Hosetail
• Coupler, Male BSPP Thread
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TECH SPECIFICATIONS

FUNCTION	Self-Venting
MAXIMUM OPERATING PRESSURE	233 psi
VALVE INCLUDED	Yes
COMPATIBLE FITTING	Series 25 Plug
CONNECTION TYPE	Hose Barb
COMPATIBLE FITTING	C9000 Plug
CONNECTION SIZE	10 mm
DIVISION	Low Pressure Connectors Europe Division
INDUSTRY	Industrial Manufacturing Equipment
TECHNOLOGY	Pneumatics
INTERCHANGE TYPE	European Profile

DIAMETER	7.2 mm (nominal)
MAXIMUM OPERATING TEMPERATURE	140 °F
PRODUCT SERIES	Series C9000
SLEEVE MATERIAL	Technical Polymer
FLOW RATE	2000 L/min (air)
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
WEIGHT	0.114 kg
QUANTITY PER BOX	5
COUPLING HALF	Coupler
BRAND	Legris
SEAL MATERIAL	NBR
BODY MATERIAL	Brass
PRODUCT TYPE	Quick Coupling
MAXIMUM OPERATING PRESSURE	16 bar
OPERATION TYPE	Rotative Sleeve
BRAND	Parker
DIVISION	Low Pressure Connectors Europe Division
MINIMUM OPERATING TEMPERATURE	-20 °C
MAXIMUM OPERATING TEMPERATURE	60 °C
PLATING TYPE	Nickel-Plated
MINIMUM OPERATING TEMPERATURE	-4 °F
APPLICATION	Workshops, Cleaning, Blowing, Pneumatics, Air-Operated Tools, Ring Main Circuits, Packaging