Parker Product Datasheet



Quick coupling system with nominal diameter 7 for fluid handling applications up to 10 bar. Coupling system with Parker profile. Available made of thermoplastic - POM, PVDF or PVDF with peek spring.

PART NUMBER: 48KBIW13DPX
COUPLING HALF: Coupler
COLOR: Standard
BODY MATERIAL: POM black
CONNECTION SIZE: G 1/4
FUNCTION: Double Shut-Off
CONNECTION TYPE: Female BSPP

PRODUCT OVERVIEW

Parker's Quick Coupling Series 48 made of POM and PVDF has been developed for use in the medical, chemical, food handling, pharmaceutical and laboratory technology industries. The system is also available in a solid plastic design (RectuChem+). Here the metal springs are replaced by springs made of PEEK, an extremely resistant synthetic material.

The coupling system is developed for single-hand operation. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling. The coupling is also available with no valve for a straight-through system.

Markets:

- Machinery Construction

- Automotive

- Process

- Life Science

- Industrial

Features/Benefits:

- Splash proof design - Plug is sealing prior to opening the valve.

- Only provider of a complete thermoplastic coupling (with PEEK spring)

- No mix-ups between media due to the color coding of coupling and plug

- Single-hand operation for easy and fast connection

Applications:

- Food and chemical processing

- Bio fluid transfer

- Thermal Management

TECH SPECIFICATIONS

FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
PRODUCT TYPE	Application Based Quick Couplings
FOR FLUID TYPE	Technical Gases (Medical, analytical, anesthesic gases)
FLOW RATE	770 L/min (air)
SLEEVE MATERIAL	POM
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
FLOW RATE	12 L/min (water)

LENGTH	63.5 mm
VALVE INCLUDED	Yes
BODY MATERIAL	POM Black
OUTSIDE DIAMETER	26 mm
INTERCHANGE TYPE	Parker Profile
MINIMUM OPERATING TEMPERATURE	-20 °C
CONNECTION TYPE	Female
REGION OF ORIGIN	Germany
COUPLING HALF	Coupler
DIVISION	Low Pressure Connectors Europe Division
BRAND	Parker
COMPATIBLE FITTING	Series 48 Plug
PRODUCT TYPE	Pneumatic Quick Couplings
VALVE TYPE	Standard Valve
SEAL MATERIAL	NBR
BRAND	Rectus
APPLICATION	Media Transfer
HEX SIZE	21 mm
FUNCTION	Double Shut-Off
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
MAXIMUM OPERATING PRESSURE	10 bar VLOOKUP(A1572,[1]Feuil7!$A:$D,4,FALSE)
CONNECTION SIZE	G 1/4
APPLICATION	Pneumatic
PLATING TYPE	Without Surface Treatment
DIVISION	Low Pressure Connectors Europe Division
APPLICATION	Suction / Vacuum

MAXIMUM OPERATING PRESSURE	145 psi VLOOKUP(A1573,[1]Feuil7!$A:$D,4,FALSE)
MAXIMUM OPERATING TEMPERATURE	80 °C
HOSE INSIDE DIAMETER	n/a
PRODUCT STYLE	Quick Connect
COLOR	Standard
MAXIMUM OPERATING TEMPERATURE	176 °F
INDUSTRY	Industrial manufacturing equipment
PRODUCT SERIES	Series 48 Thermoplastic
QUANTITY PER BOX	10.0
OPERATION TYPE	Sleeve
TECHNOLOGY	Fluid & Gas Handling
MINIMUM OPERATING TEMPERATURE	-4 °F
DIAMETER	7 mm (nominal)
WEIGHT	0.0264 kg
CONNECTION TYPE	BSPP