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: 48KBTF09DPX
COUPLING HALF: Coupler
COLOR: Standard
BODY MATERIAL: POM black
CONNECTION SIZE: 9 MM
CONNECTION TYPE: Hose Barb
FUNCTION: Double Shut-Off

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

DIAMETER	7 mm (nominal)
BRAND	Rectus
APPLICATION	Media Transfer
DIVISION	Low Pressure Connectors Europe Division
QUANTITY PER BOX	10.0
WEIGHT	0.028 kg
MAXIMUM OPERATING TEMPERATURE	176 °F

HEX SIZE	21 mm
TECHNOLOGY	Fluid & Gas Handling
OPERATION TYPE	Sleeve
PRODUCT SERIES	Series 48 Thermoplastic
MINIMUM OPERATING TEMPERATURE	-4 °F
APPLICATION	Suction / Vacuum
COLOR	Standard
PRODUCT STYLE	Quick Connect
FLOW RATE	12 L/min (water)
BRAND	Parker
COMPATIBLE FITTING	Series 48 Plug
PLATING TYPE	Without Surface Treatment
OUTSIDE DIAMETER	26 mm
SEAL MATERIAL	NBR
LENGTH	81 mm
APPLICATION	Pneumatic
PRODUCT TYPE	Pneumatic Quick Couplings
REGION OF ORIGIN	Germany
INTERCHANGE TYPE	Parker Profile
CONNECTION SIZE	9 mm
MAXIMUM OPERATING PRESSURE	10 bar VLOOKUP(A3782,[1]Feuil7!$A:$D,4,FALSE)
VALVE TYPE	Standard Valve
COUPLING HALF	Coupler
MAXIMUM OPERATING PRESSURE	145 psi VLOOKUP(A3783,[1]Feuil7!$A:$D,4,FALSE)
FOR FLUID TYPE	Technical Gases (Medical, analytical, anesthesic gases)
FOR FLUID TYPE	Water (Industrial, drinking, treated water)

FLOW RATE	770 L/min (air)
SLEEVE MATERIAL	POM
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
PRODUCT TYPE	Application Based Quick Couplings
HOSE INSIDE DIAMETER	9 mm
FUNCTION	Double Shut-Off
MAXIMUM OPERATING TEMPERATURE	80 °C
INDUSTRY	Industrial manufacturing equipment
BODY MATERIAL	POM Black
VALVE INCLUDED	Yes
CONNECTION TYPE	Hose Barb
MINIMUM OPERATING TEMPERATURE	-20 °C
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
DIVISION	Low Pressure Connectors Europe Division