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: 48SFAW13DXX
FUNCTION: Straight-Through
COLOR: Standard
CONNECTION SIZE: G 1/4
COUPLING HALF: Plug
CONNECTION TYPE: Male BSPP
BODY MATERIAL: PVDF white

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

WEIGHT	0.005 kg
DIAMETER	7 mm (nominal)
CONNECTION SIZE	G 1/4
PRODUCT TYPE	Pneumatic Quick Couplings
OPERATION TYPE	No Sleeve
QUANTITY PER BOX	10.0
BRAND	Rectus
LENGTH	38.5 mm

COMPATIBLE FITTING	Series 48 Coupler
FUNCTION	Single Shut-Off
SLEEVE MATERIAL	Without Sleeve
MAXIMUM OPERATING PRESSURE	145 psi VLOOKUP(A8144,[1]Feuil7!$A:$D,4,FALSE)
INTERCHANGE TYPE	Parker Profile
APPLICATION	Suction / Vacuum
VALVE INCLUDED	No
COUPLING HALF	Plug
FLOW RATE	17 L/min (water)
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
MAXIMUM OPERATING TEMPERATURE	80 °C
HEX SIZE	17 mm
BODY MATERIAL	POM Black
OUTSIDE DIAMETER	n/a
INDUSTRY	Industrial manufacturing equipment
MAXIMUM OPERATING PRESSURE	10 bar VLOOKUP(A8143,[1]Feuil7!$A:$D,4,FALSE)
APPLICATION	Pneumatic
TECHNOLOGY	Fluid & Gas Handling
HOSE INSIDE DIAMETER	n/a
PRODUCT SERIES	Series 48 Thermoplastic
MINIMUM OPERATING TEMPERATURE	-20 °C
CONNECTION TYPE	Male
DIVISION	Low Pressure Connectors Europe Division
PRODUCT STYLE	Quick Connect
BRAND	Parker

MINIMUM OPERATING TEMPERATURE	-4 °F
APPLICATION	Media Transfer
VALVE TYPE	Without Valve
SEAL MATERIAL	Without Seal
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
MAXIMUM OPERATING TEMPERATURE	176 °F
COLOR	Standard
PLATING TYPE	Without Surface Treatment
REGION OF ORIGIN	Germany
DIVISION	Low Pressure Connectors Europe Division
FOR FLUID TYPE	Technical Gases (Medical, analytical, anesthesic gases)
CONNECTION TYPE	BSPP
TECHNOLOGY	Pneumatics
PRODUCT TYPE	Application Based Quick Couplings
FLOW RATE	1100 L/min (air)