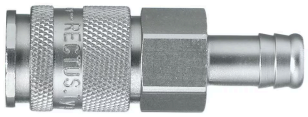
Parker Product Datasheet



Premium quick coupling system with nominal diameter 10 for pneumatic and fluid handling applications up to 35 bar. Coupling system with the largest standard European profile. Available made of brass/steel or stainless steel.

PART NUMBER: 27KATF19MPN
COUPLING HALF: Coupler
FUNCTION: Single Shut-Off
CONNECTION TYPE: Hose Barb
BODY MATERIAL: Brass
CONNECTION SIZE: 19 MM

PRODUCT OVERVIEW

Parker's 1/2' universal industrial coupling with standard European profile for use with large pneumatic consumers.

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design (steel sleeve), extremely high flow and long service life even with the harshest use. The collar design minimises damage to the valve body.

Markets:

- Machinery Construction

- Trade

- Automotive

- Life Science

- Process

- Food & Beverage

- Aerospace

- Mobile Hydraulics

- Industrial

Features/Benefits:

- UltraFlo valve for optimum flow and low pressure drop

- Higher working pressure compared to competitve products

- Single-hand operation for easy and fast connection

Applications:

- Pneumatic Power Tools

- Assembly Lines

- Air compressors

- Fluid Transfer

- Labotory Gas Supply

- Cooling of Electronic Components

- Food and chemical processing

- Water and coolant lines

- Thermal Management

TECH SPECIFICATIONS

TECHNOLOGY	Fluid & Gas Handling
MAXIMUM OPERATING TEMPERATURE	100 °C
APPLICATION	Textile Machinery
CONNECTION TYPE	Hose Barb
DIVISION	Low Pressure Connectors Europe Division
SEAL MATERIAL	NBR
COMPATIBLE FITTING	Series 27 Plug
HEX SIZE	24 mm
BODY MATERIAL	Brass
FLOW RATE	2400 L/min (air)
CONNECTION SIZE	19 mm
LENGTH	76 mm
VALVE INCLUDED	Yes
COUPLING HALF	Coupler
PRODUCT STYLE	Quick Connect
OUTSIDE DIAMETER	27 mm
REGION OF ORIGIN	Germany
SLEEVE MATERIAL	Brass
MAXIMUM OPERATING PRESSURE	35 bar
INTERCHANGE TYPE	European Profile
DIAMETER	10 mm (nominal)
OPERATION TYPE	Sleeve
FUNCTION	Single Shut-Off
MAXIMUM OPERATING PRESSURE	507 psi
BRAND	Parker
PRODUCT SERIES	Series 27

QUANTITY PER BOX	5
TECHNOLOGY	Pneumatics
MINIMUM OPERATING TEMPERATURE	-4 °F
BRAND	Rectus
INDUSTRY	General Industrial
PLATING TYPE	Nickel-Plated
APPLICATION	Air & Gas Compressor
MINIMUM OPERATING TEMPERATURE	-20 °C
VALVE TYPE	High Flow Valve
PRODUCT TYPE	Pneumatic Quick Couplings
APPLICATION	Industrial Equipment
MAXIMUM OPERATING TEMPERATURE	212 °F
WEIGHT	0.1583 kg
FOR FLUID TYPE	Water
FOR FLUID TYPE	Air & Neutral Gases
FOR FLUID TYPE	Chemicals
FLOW RATE	31 L/min (water)
DIVISION	Low Pressure Connectors Europe Division