

Parker Product Datasheet



Combining outstanding spark resistance with superb flexibility, this range is perfectly suited for welding applications. Two types of PU - ether with PVC sheath or single layer ether.

PART NUMBER: 1025U08K03
COLOR: RED
TUBE I.D. (MM): 5,5
TUBING MATERIAL: PUER - UL94
TUBE O.D. (MM): 8
LENGTH (M): 25

PRODUCT OVERVIEW

Combining outstanding spark resistance with superb flexibility, this range is perfectly suited for welding applications. Two types of PU - ether with PVC sheath or single layer ether - are available and allow rapid installation with Parker Legris push-in fittings.

Features/Benefits:

- PU with PVC Sheath

- High resistance to kinking and abrasion
- Non-adhesive jacket facilitating sheath removal
- Fluid direction marking
- Self-extinguishing sheath, protecting the inner tubing
- Silicone-free

- Single Layer PU

- Minimum bend radius for maximum space saving
- Significant flexibility for rapid cycling
- Good chemical resistance
- Flow direction marking
- Fireproof material
- Silicone-free

Markets:

- Miscellaneous Manufacturing
- Factory Automation
- Machine Tools
- Primary Metal Refining and Processing

Applications:

- Suitable for Applications with Mechanical Constraints
- Cooling
- Welding Robots

Technologies:

- PU Tubing
- Polyurethane Tubing
- PVC Sheath
- Industrial Tubing

Technical Characteristics:

- Fluids: Industrial fluids, compressed air, coolants
- Materials: PU ether with PVC sheath PU ether single layer
- Pressure: Vacuum to 14 bar
- Temperature: -20°C to +70°C

Regulations:

- UL94 V-0 (Fire resistance)
- DI: 2002/95/EC (RoHS), 2011/65/EC

- RG: 1907/2006 (REACH)

Product Types:

- Anti-Spark Sheath Polyurethane Ether Tubing
- Single Layer Anti-Spark Sheath Polyurethane Ether Tubing

TECH SPECIFICATIONS

MAXIMUM OPERATING PRESSURE	14 barg
MEDIA	Industrial Fluids
SPECIFICATIONS MET	RoHS 2002/95/EC, 2011/65/EC
DIVISION	Low Pressure Connectors Europe Division
SPECIFICATIONS MET	UL 94 V-0 (Fire Resistance)
SPECIFICATIONS MET	REACH 1907/2006
WEIGHT	0.860 kg/package
VACUUM PRESSURE RATING	755 mm-Hg
APPLICATION	Industrial Machinery
NUMBER OF TUBES	1
APPLICATION	Cabling
MEDIA	Coolants
APPLICATION	Welding
MINIMUM OPERATING TEMPERATURE	-20 °C
MAXIMUM OPERATING TEMPERATURE	70 °C
APPLICATION	Mechanical Constraints
APPLICATION	Robotics
MEDIA	Air (Compressed Air)
APPLICATION	Cooling

APPLICATION

Compressed Air