

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: 1025U12K03
COLOR: RED
LENGTH (M): 25.0
TUBE I.D. (MM): 12.0
TUBING MATERIAL: PUER - UL94
TUBE O.D. (MM): 8.0

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 TEMPERATURE	70 °C
DIVISION	Low Pressure Connectors Europe Division
MAXIMUM OPERATING PRESSURE	14.0 barg
MINIMUM OPERATING TEMPERATURE	-20 °C
SPECIFICATIONS MET	RoHS 2002/95/EC, 2011/65/EC
SPECIFICATIONS MET	UL 94 V-0 (Fire Resistance)
SPECIFICATIONS MET	REACH 1907/2006
MEDIA	Air (Compressed Air)
MEDIA	Industrial Fluids
MEDIA	Coolants
APPLICATION	Mechanical Constraints
APPLICATION	Compressed Air
APPLICATION	Robotics
APPLICATION	Cooling
APPLICATION	Cabling
APPLICATION	Industrial Machinery
APPLICATION	Welding
VACUUM PRESSURE RATING	755.0 mm-Hg
WEIGHT	2086.0 kg/package

NUMBER OF TUBES

1.0