

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: 1025U12K04
COLOR: BLUE
TUBE O.D. (MM): 8.0
TUBING MATERIAL: PUER - UL94
LENGTH (M): 25.0
TUBE I.D. (MM): 12.0

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

MEDIA	Coolants
APPLICATION	Cooling
DIVISION	Low Pressure Connectors Europe Division
SPECIFICATIONS MET	REACH 1907/2006
MEDIA	Air (Compressed Air)
SPECIFICATIONS MET	RoHS 2002/95/EC, 2011/65/EC
APPLICATION	Mechanical Constraints
APPLICATION	Robotics
NUMBER OF TUBES	1.0
APPLICATION	Compressed Air
MAXIMUM OPERATING PRESSURE	14.0 barg
MEDIA	Industrial Fluids
APPLICATION	Welding
SPECIFICATIONS MET	UL 94 V-0 (Fire Resistance)
MAXIMUM OPERATING TEMPERATURE	70 °C
WEIGHT	2087.0 kg/package
MINIMUM OPERATING TEMPERATURE	-20 °C
VACUUM PRESSURE RATING	755.0 mm-Hg
APPLICATION	Cabling

