Parker Product Datasheet



Parker Legris self-fastening hoses are designed to be used with barb fittings or mold quick couplers to convey in-plant industrial fluids. They offer both excellent sealing and robustness with the simplicity of installation for a long life span

PART NUMBER: 1100H60 01
HOSE INSIDE DIAMETER: 0.374 INCH
COVER COLOR: Black
LENGTH PER PACKAGE: 100 M
HOSE OUTSIDE DIAMETER: 0.629 INCH

PRODUCT OVERVIEW

This range of hose is a versatile general purpose hose designed to handle air, coolant, mild chemicals and water. The hose construction incorporates a tube, in different material according to the version NBR, EPDM, FKM or silicone, that is compatible with light oil mists found in air tool lubricating systems, water, oil and fuel and the textile or metallic reinforcement provide flexibility and high mechanical resistance. The cover NBR, EPDM or metal is resistant to abrasion, heat and ozone, and is available in 4 main standard colors for color-coded identification

Parker Legris self-fastening hoses are designed to be used with Parker Legris barb connectors or mold quick couplings to convey lot of in-plant industrial fluids. They offer both the sealing and robustness reliability of self-fastening technology and the simplicity of installation with a long service life.

Parker Legris self-fastening NBR hoses are designed according to CNOMO E07.21.115N*.

Features/Benefits:

- Exceptional Endurance

• Unsurpassed resistance to repetitive flexing

• Protection against spark and flame

• Abrasion and crush-resistant

• UV-resistant

- Ideal for In-Plant Automotive

• Excellent ozone resistance

• Perfect for cooling systems

• Maximum flow with low pressure drop

• 4 colours for immediate circuit identification

• Silicone-free for NBR version

- Ready-To-Use

• No lubrication, additive (grease, oil, …etc), or preparation time required

• To connect: push the hose fully home against the fitting shoulder

• To disassemble: cut the hose on the barbed side of the fitting

Markets:

- Machine Tools
- Miscellaneous Manufacturing
- Vehicle Assembly Facilities

Applications:

- Compressed Air and Coolants Conveying or uppon request Fuel and Oil Conveying
- Applications Subjected to Flying Sparks
- Welding Robots
- Industrial Cooling Systems

Technologies:

- Self-Fastening Hose
- Braided Hose with internal textile yard for NBR and EPDM and external metallic braid for Silicone and FKM
- NBR Hose
- EPDM Hose
- FKM Hose
- Silicone Hose

• Technical Hose

• Industrial Hose

Technical Characteristics:

• Fluids: Coolants, Compressed Air, Oil and Fuel Upon Request

• Materials: Nitrile butadiene rubber & textile braid (10XXH)

• Materials: EPDM & textile braid (MHEXXXX)

• Materials: FKM & Stainless steel braid (MHFXXXX)

• Materials: Silicone & Stainless steel braid (MHSXXXX)

• Pressure: 0 to 16 bar

• Temperature: -40°C to +100°C (+130°C for short time)

Regulations:

• REACH and RoHS and CNOMO: E07.21.115N for NRB version

* CAUTION: CNOMO certification is valid exclusively for red and green hose, only when connected to Legris' CNOMO-certified barb connectors 0132, 0133 and 0134.

Product Types:

• Braided Self-Fastening Hose

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	212 °F
MAXIMUM OPERATING TEMPERATURE	100 °C
DIVISION	Low Pressure Connectors Europe Division
DIVISION	Low Pressure Connectors Europe Division
MAXIMUM OPERATING PRESSURE	16 bar
MAXIMUM OPERATING PRESSURE	1.6 MPa
MAXIMUM OPERATING PRESSURE	232 psi
MINIMUM OPERATING TEMPERATURE	-4 °F
MINIMUM OPERATING TEMPERATURE	-20 °C
INDUSTRY	Industrial Manufacturing Equipment
SPECIFICATIONS MET	RoHS 2011/65/EC
SPECIFICATIONS MET	NF T46 019
SPECIFICATIONS MET	NF T47 252
SPECIFICATIONS MET	CNOMO: E07.21.115N
SPECIFICATIONS MET	REACH
REGION OF ORIGIN	France
MEDIA	Fuels (Oil & Petroleum)
MEDIA	Air (Pneumatics)
MEDIA	Water
APPLICATION	In-Plant Automotive
APPLICATION	Pneumatics
APPLICATION	Welding Robots

APPLICATION	Industrial Machinery
APPLICATION	Cooling
BRAND	Legris
TECHNOLOGY	Pneumatics
TECHNOLOGY	Process Control
TECHNOLOGY	Fluid & Gas Handling
PRODUCT TYPE	Pneumatic Hose
PRODUCT TYPE	Coolant Hose
INSIDE DIAMETER	9.5 mm
INSIDE DIAMETER	0.374 inch
OUTSIDE DIAMETER	0.629 inch
OUTSIDE DIAMETER	16 mm
MINIMUM BEND RADIUS	2.755 inch
MINIMUM BEND RADIUS	70 mm
WEIGHT	0.206 kg/m
WEIGHT	20.6 kg/package
WEIGHT	0.138 lb/ft
LENGTH PER PACKAGE	100 m
COMPATIBLE FITTING	Quick-Acting Barbed Fittings (with Brass Female Compression Fitting)
COMPATIBLE FITTING	Quick-Acting Barbed Fittings (with Brass Male BSPP Thread)
COMPATIBLE FITTING	Quick-Acting Barbed Fittings (with Brass Male BSPT Thread)
PACKAGE TYPE	Reel
COVER MATERIAL	Nitrile Butadiene Rubber (NBR)
HOSE REINFORCEMENT MATERIAL	Braid of Textile

HOSE INNER TUBE MATERIAL	Nitrile Butadiene Rubber (NBR)
DESIGN FACTOR	3
NUMBER OF TUBES	1
DISCLAIMER	CAUTION: CNOMO certification is valid exclusively for Red and Green hose only when connected to Legris' CNOMO-certified Barb Connectors 0132