

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: 1080H69 04
LENGTH PER PACKAGE: 80 M
HOSE INSIDE DIAMETER: 0.751 INCH
COVER COLOR: Blue
HOSE OUTSIDE DIAMETER: 1.062 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 upon 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

HOSE INNER TUBE MATERIAL	Nitrile Butadiene Rubber (NBR)
MAXIMUM OPERATING PRESSURE	16 bar
APPLICATION	Cooling
OUTSIDE DIAMETER	27 mm
DIVISION	Low Pressure Connectors Europe Division
WEIGHT	33.16 kg/package
WEIGHT	0.4145 kg/m
INDUSTRY	Industrial Manufacturing Equipment

MINIMUM OPERATING TEMPERATURE	-20 °C
APPLICATION	Pneumatics
APPLICATION	In-Plant Automotive
OUTSIDE DIAMETER	1.062 inch
BRAND	Legris
MAXIMUM OPERATING PRESSURE	232 psi

APPLICATION	Industrial Machinery
INSIDE DIAMETER	19.1 mm
MAXIMUM OPERATING TEMPERATURE	212 °F

MAXIMUM OPERATING PRESSURE	1.6 MPa
WEIGHT	0.121 lb/ft

DISCLAIMER	CAUTION: CNOMO certification is valid exclusively for Red and Green hose only when connected to Legris' CNOMO-certified Barb Connectors 0132
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APPLICATION	Welding Robots
INSIDE DIAMETER	0.751 inch

HOSE REINFORCEMENT MATERIAL	Braid of Textile
MAXIMUM OPERATING TEMPERATURE	100 °C
MINIMUM OPERATING TEMPERATURE	-4 °F
TECHNOLOGY	Fluid & Gas Handling
MEDIA	Air (Pneumatics)
SPECIFICATIONS MET	RoHS 2011/65/EC
PRODUCT TYPE	Coolant Hose
MEDIA	Water
SPECIFICATIONS MET	NF T47 252
TECHNOLOGY	Pneumatics
MEDIA	Fuels (Oil & Petroleum)
PRODUCT TYPE	Pneumatic Hose
COMPATIBLE FITTING	Quick-Acting Barbed Fittings (with Brass Female Compression Fitting)
SPECIFICATIONS MET	REACH
TECHNOLOGY	Process Control
COMPATIBLE FITTING	Quick-Acting Barbed Fittings (with Brass Male BSPT Thread)
DIVISION	Low Pressure Connectors Europe Division
MINIMUM BEND RADIUS	6.692 inch
DESIGN FACTOR	3
SPECIFICATIONS MET	CNOMO: E07.21.115N
REGION OF ORIGIN	France
MINIMUM BEND RADIUS	170 mm
COMPATIBLE FITTING	Quick-Acting Barbed Fittings (with Brass Male BSPP Thread)

COVER MATERIAL	Nitrile Butadiene Rubber (NBR)
NUMBER OF TUBES	1
SPECIFICATIONS MET	NF T46 019
PACKAGE TYPE	Reel
LENGTH PER PACKAGE	80 m