

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: 1100H62 03
HOSE INSIDE DIAMETER: 0.5 INCH
LENGTH PER PACKAGE: 100 M
COVER COLOR: Red
HOSE OUTSIDE DIAMETER: 0.748 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

MINIMUM OPERATING TEMPERATURE	-20 °C
APPLICATION	Pneumatics
NUMBER OF TUBES	1
DIVISION	Low Pressure Connectors Europe Division
WEIGHT	0.24 kg/m
APPLICATION	Cooling
PRODUCT TYPE	Pneumatic Hose
DIVISION	Low Pressure Connectors Europe Division
WEIGHT	0.161 lb/ft
MAXIMUM OPERATING TEMPERATURE	100 °C
TECHNOLOGY	Process Control
MINIMUM OPERATING TEMPERATURE	-4 °F
MAXIMUM OPERATING PRESSURE	232 psi
APPLICATION	Industrial Machinery
LENGTH PER PACKAGE	100 m
BRAND	Legris
COVER MATERIAL	Nitrile Butadiene Rubber (NBR)
PACKAGE TYPE	Reel
INDUSTRY	Industrial Manufacturing Equipment
MAXIMUM OPERATING PRESSURE	1.6 MPa
APPLICATION	Welding Robots

DISCLAIMER	CAUTION: CNOMO certification is valid exclusively for Red and Green hose only when connected to Legris' CNOMO-certified Barb Connectors 0132
MAXIMUM OPERATING TEMPERATURE	212 °F
APPLICATION	In-Plant Automotive
TECHNOLOGY	Pneumatics
MAXIMUM OPERATING PRESSURE	16 bar
PRODUCT TYPE	Coolant Hose
REGION OF ORIGIN	France
INSIDE DIAMETER	12.7 mm
COMPATIBLE FITTING	Quick-Acting Barbed Fittings (with Brass Male BSPT Thread)
SPECIFICATIONS MET	RoHS 2011/65/EC
WEIGHT	24 kg/package
OUTSIDE DIAMETER	19 mm
COMPATIBLE FITTING	Quick-Acting Barbed Fittings (with Brass Female Compression Fitting)
SPECIFICATIONS MET	NF T47 252
MINIMUM BEND RADIUS	4.724 inch
HOSE REINFORCEMENT MATERIAL	Braid of Textile
SPECIFICATIONS MET	CNOMO: E07.21.115N
SPECIFICATIONS MET	REACH
COMPATIBLE FITTING	Quick-Acting Barbed Fittings (with Brass Male BSPP Thread)
SPECIFICATIONS MET	NF T46 019
MINIMUM BEND RADIUS	120 mm
INSIDE DIAMETER	0.500 inch

OUTSIDE DIAMETER	0.748 inch
MEDIA	Water
MEDIA	Fuels (Oil & Petroleum)
MEDIA	Air (Pneumatics)
DESIGN FACTOR	3
TECHNOLOGY	Fluid & Gas Handling
HOSE INNER TUBE MATERIAL	Nitrile Butadiene Rubber (NBR)