

# Self-Fastening NBR Hose

Parker Legris self-fastening hose is designed according to **CNOMO E07.21.115N\***. This range of hose should be used with Legris barb connectors and provides both the **reliability** of self-fastening technology and **simplicity of installation**.

## Product Advantages

**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 no pressure drop  
4 colours for immediate circuit identification  
Silicone-free

**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



In-Plant Automotive  
Cooling  
Welding Robots  
Pneumatics  
Industrial Machinery

Applications

## Technical Characteristics

<b>Compatible Fluids</b>	Coolants, compressed air
<b>Working Pressure</b>	0 to 16 bar
<b>Working Temperature</b>	-20°C to +100°C
<b>Component Materials</b>	Nitrile butadiene rubber & textile braid

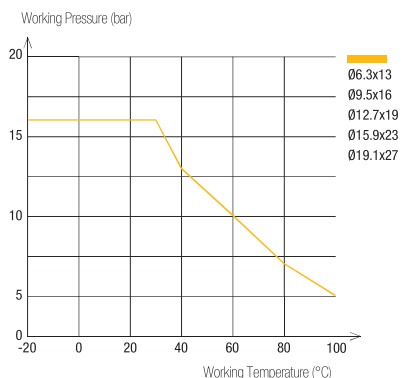
### Regulations

NFT 46-019-1  
NFT 47 252  
RG: 1907/2006 (REACH)  
DI: 2002/95/EC (RoHS), 2011/65/EC  
CNOMO: E07.21.115N

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

Reliable performance is dependent upon the type of fluid conveyed and fittings being used.

### Performance of Self-Fastening NBR Hose



DN mm CNOMO	DN (standard)	Hose I.D. (mm)	Hose I.D. Tolerance (mm)
6	1/4"	6.3 mm	+0.4 / -0.4
8	3/8"	9.5 mm	+0.5 / -0.5
12	1/2"	12.7 mm	+0.6 / -0.6
16	5/8"	15.9 mm	
20	3/4"	19.1 mm	

### Packaging

Drum: 40 m, 80 m, 100 m






Use with water: maximum temperature 100°C  
Use with air: maximum temperature 70°C

To calculate burst pressure, the values in this graph should be multiplied by 3.

## 1040H

### Braided Self-Fastening NBR Hose

Drum 40 m






DN	Ø ext. (mm)	Ø int. (mm)						kg
1/4	13	6.3	60	<a href="#">1040H56 01</a>	<a href="#">1040H56 02</a>	<a href="#">1040H56 03</a>	<a href="#">1040H56 04</a>	7.000
3/8	16	9.5	70	<a href="#">1040H60 01</a>	<a href="#">1040H60 02</a>	<a href="#">1040H60 03</a>	<a href="#">1040H60 04</a>	8.600
1/2	19	12.7	120	<a href="#">1040H62 01</a>	<a href="#">1040H62 02</a>	<a href="#">1040H62 03</a>	<a href="#">1040H62 04</a>	9.450
5/8	23	15.9	140	<a href="#">1040H66 01</a>	<a href="#">1040H66 02</a>	<a href="#">1040H66 03</a>	<a href="#">1040H66 04</a>	13.000
3/4	27	19.1	170	<a href="#">1040H69 01</a>	<a href="#">1040H69 02</a>	<a href="#">1040H69 03</a>	<a href="#">1040H69 04</a>	16.500

Also available in 20 m length upon request

## 1080H

### Braided Self-Fastening NBR Hose

Drum 80 m






DN	Ø ext. (mm)	Ø int. (mm)						kg
5/8	23	15.9	140	<a href="#">1080H66 01</a>	<a href="#">1080H66 02</a>	<a href="#">1080H66 03</a>	<a href="#">1080H66 04</a>	26.160
3/4	27	19.1	170	<a href="#">1080H69 01</a>	<a href="#">1080H69 02</a>	<a href="#">1080H69 03</a>	<a href="#">1080H69 04</a>	33.160

Also available in 20 m length upon request

## 1100H

### Braided Self-Fastening NBR Hose

Drum 100 m

DN	Ø ext. (mm)	Ø int. (mm)						kg
1/4	13	6.3	60	<a href="#">1100H56 01</a>	<a href="#">1100H56 02</a>	<a href="#">1100H56 03</a>	<a href="#">1100H56 04</a>	14.660
3/8	16	9.5	70	<a href="#">1100H60 01</a>	<a href="#">1100H60 02</a>	<a href="#">1100H60 03</a>	<a href="#">1100H60 04</a>	20.600
1/2	19	12.7	120	<a href="#">1100H62 01</a>	<a href="#">1100H62 02</a>	<a href="#">1100H62 03</a>	<a href="#">1100H62 04</a>	23.000

Also available in 20 m length upon request

## Related Products

Self-fastening hose is designed for use with Parker Legris brass barb connectors (CNOMO-certified).

### Barb Connectors

**0132**

P. 5-25



**0133 .. 39**

P. 5-25



**0134**

P. 5-25



### Installation Tool

**Tool Part Number:**  
**0650 00 00 05**

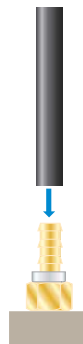
This automatic installation tool reduces the effort required to connect self-fastening hose onto a barb connector.



#### Tube Cutting and Positioning

Cut the tube at a right angle and position the barb connector on the mounting tool.

Barb connector support



#### Press-Fitting the Tube

Activate the press-fit tool; connection is complete when the tube is fully home on the barb connector. This tool has been designed for use with 5 different diameters and is easy to operate.

Barb connector support



Calibrated Braided Hose

Technical Tubing and Hose