



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



Applications

- In-Plant Automotive
- Cooling
- Welding Robots
- Pneumatics
- Industrial Machinery

Technical Characteristics

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

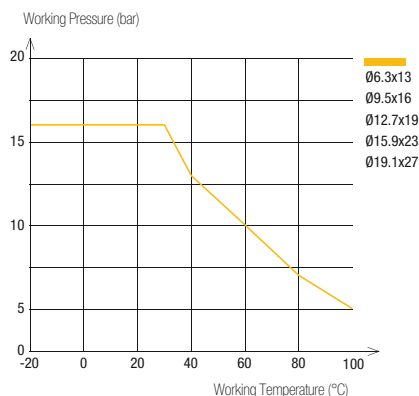
Regulations

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: 20 m, 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	O.D. (mm)	I.D. (mm)	 R					kg
1/4	13	6.3	60	1040H56 01	1040H56 02	1040H56 03	1040H56 04	7.000
3/8	16	9.5	70	1040H60 01	1040H60 02	1040H60 03	1040H60 04	8.600
1/2	19	12.7	120	1040H62 01	1040H62 02	1040H62 03	1040H62 04	9.450
5/8	23	15.9	140	1040H66 01	1040H66 02	1040H66 03	1040H66 04	13.000
3/4	27	19.1	170	1040H69 01	1040H69 02	1040H69 03	1040H69 04	16.500

Also available in 20 m length upon request

1080H Braided Self-Fastening NBR Hose






Drum 80 m

DN	O.D. (mm)	I.D. (mm)	 R					kg
5/8	23	15.9	140	1080H66 01	1080H66 02	1080H66 03	1080H66 04	26.160
3/4	27	19.1	170	1080H69 01	1080H69 02	1080H69 03	1080H69 04	33.160

Also available in 20 m length upon request

1100H Braided Self-Fastening NBR Hose

Drum 100 m

DN	O.D. (mm)	I.D. (mm)	 R					kg
1/4	13	6.3	60	1100H56 01	1100H56 02	1100H56 03	1100H56 04	14.660
3/8	16	9.5	70	1100H60 01	1100H60 02	1100H60 03	1100H60 04	20.600
1/2	19	12.7	120	1100H62 01	1100H62 02	1100H62 03	1100H62 04	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

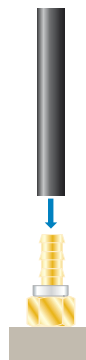
This automatic installation tool reduces the effort required to connect self-fastening hose onto a barb connector.



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

