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APPLICATION

- Rubber hose for delivery of hydrocarbon solvents with an aromatic content up to 70%.
- Suitable for conveying petrol, diesel, biodiesel blends including B100 and ethanol based fuels.

CONSTRUCTION

TUBE

- NBR2 rubber, light colour, smooth.

REINFORCEMENT

- High strength plies of synthetic cord.
- Copper wires on request.

COVER

- NBR rubber, black colour, antistatic ($R < 10^6 \Omega$), smooth, cloth finish.
- Resistant to abrasion, ozone, weather, fats and mineral oils.

STANDARDS

- Execution in accordance with EN 12115:2011.

TEMPERATURE RANGE

- In accordance with EN 12115:2011.
- Peaks up to +90°C depending on the fluids conveyed.

ELECTRICAL PROPERTIES

- Identification symbol:
 - Ω for version without copper wires;
 - M for version with copper wires.

SAFETY FACTOR

- ≥ 4 times working pressure.

MARKING

- Embossed tape according to EN 12115:2011, lengthwise.

 **MANISOLV NBR2** **MADE IN ITALY**

TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: Inner diameter: EN 12115 - Outer diameter: EN 12115 - Length: ISO 1307

Inner Diameter mm	Outer diameter mm	Wall thickness mm	Working pressure BAR	Burst pressure BAR	Vacuum BAR	Min. bending radius mm	Approx. weight kg/m	Max. length m
13	23	5.0	16	64	-0.50	90	0.42	40
19	31	6.0	16	64	-0.50	125	0.66	40
25	37	6.0	16	64	-0.40	150	0.82	40
32	44	6.0	16	64	-0.40	175	1.00	40
38	51	6.5	16	64	-0.40	225	1.20	40
50	66	8.0	16	64	-0.30	275	1.95	40
51	67	8.0	16	64	-0.30	275	2.00	40
63.5	79.5	8.0	16	64	---	300	2.30	40
75	91	8.0	16	64	---	350*	2.70	40
76	92	8.0	16	64	---	350*	2.75	40
100	116	8.0	16	64	---	450*	3.50	40
102	118	8.0	16	64	---	450*	3.55	40

(*) The bending radius can be reached at a pressure of ≥ 1 bar.

Chemical resistance acc. to MTG Chemical Resistance Chart. Above technical data are based on application at room temperature (+20°C). Other sizes are available on request.

Cod. IT-M00109

UPDATED: 10/18
 Rev: 002