

**MANIFATTURA TUBI GOMMA S.p.A.**

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## APPLICATION

- Multipurpose suction and delivery hose for conveying a wide range of aggressive chemicals.
- Normally installed on tank trucks and unloading platforms, recommended for applications in chemical laboratories and industries.

## CONSTRUCTION

### TUBE

- UPE (Ultra High Molecular Weight Polyethylene), neutral, smooth.
- Resistance: according to MTG Chemical Resistance Chart.

### REINFORCEMENT

- High strength plies of synthetic cord.
- Embedded steel helix wire.
- Built-in copper wires.

### COVER

- EPDM rubber, black, smooth, antistatic ( $R < 10^6 \Omega$ ), resistant to abrasion, ageing and weather, cloth finish.

## CERTIFICATIONS

- Hose approved by the Institute Ineris, attestation nr. INERIS-16-AM-340, for use in Atex areas.

## TEMPERATURE RANGE

- From  $-35^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$ .
- Resistant to steam up to  $+130^{\circ}\text{C}$  for max. 30 minutes.

## SAFETY FACTOR

- $\geq 3$  times working pressure.

## MARKING



## TECHNICAL SPECIFICATIONS

**SIZE TOLERANCES:** Inner diameter: ISO 1307 - Wall Thickness: DIN 7715 T4 S2 - 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	24	5.5	10	30	-0.90	60	0.41	40
16	27	5.5	10	30	-0.90	80	0.51	40
19	31	6.0	10	30	-0.90	100	0.63	40
25	37	6.0	10	30	-0.90	125	0.77	40
32	44	6.0	10	30	-0.90	180	0.94	40
38	51	6.5	10	30	-0.90	225	1.30	40
40	54	7.0	10	30	-0.90	225	1.42	40
50	65	7.5	10	30	-0.90	275	1.82	40
60	75	7.5	10	30	-0.90	300	2.25	40
63.5	78.5	7.5	10	30	-0.90	320	2.35	40
70	86	8.0	10	30	-0.90	350	2.80	40
75	91	8.0	10	30	-0.90	380	3.00	40
80	96	8.0	10	30	-0.90	400	3.18	40
90	108	9.0	10	30	-0.90	480	4.30	40
100	118	9.0	10	30	-0.90	500	4.88	40
102	120	9.0	10	30	-0.90	500	4.98	40
125	147	11.0	10	30	-0.80	1000	7.20	20
150	174	12.0	10	30	-0.80	1200	8.60	20
152	176	12.0	10	30	-0.80	1200	8.75	20

 Chemical resistance acc. to MTG Chemical Resistance Chart. Above technical data refer to application at room temperature ( $+20^{\circ}\text{C}$ ).  
 Other sizes and colours are available upon request. Please contact our Sales Department.