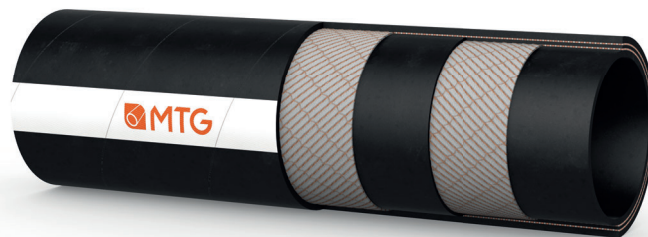


MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Rubber hose for coupling or connecting continuous pneumatic brake lines of railway or tramway vehicles.
- The hose complies with UNI EN 45545-2:2020 and UNI EN 45545-2:2023 requirements (Fire protection on railway vehicles) for Hazard Levels HL1, HL2, and HL3 (requirement sets R22 and R23).
- To comply with the stringent requirements of the norm EN 50553, the so-called "running capability", according to which the hose must overcome extreme test conditions with a flame at +800°C for a period of time of 15 minutes, the hose cover is made with a further insulation of rubberized fabric specifically designed for these needs, causing an enlargement of the Outer Diameter as follows:
 - DN 13x23: OD enlarged to approx. 30 mm.
 - DN 16x26: OD enlarged to approx. 33 mm.
 - DN 22x37: OD enlarged to approx. 45 mm.
 - DN 28x45: OD enlarged to approx. 51 mm.
 - DN 38x56: OD enlarged to approx. 62 mm.

CONSTRUCTION

- Hose manufactured with MTG rubber code 46N.
- TUBE**
- Synthetic rubber, self-extinguishing, smooth, black colour, resistant to contact with fats and mineral oils.
- REINFORCEMENT**
- High-resistant synthetic textile inserts.
- COVER**
- Synthetic rubber, self-extinguishing, smooth, cloth finish, black colour, resistant to ozone, weather and contact with fats and mineral oils.

TEMPERATURE RANGE

- From -30°C to +100°C.

PRESSURE

- Test: 22.5 bar.
- Burst: 75 bar.

LENGTH

- 40m coils.
- Hoses can also be supplied in pre-cut service lengths with flared ends, or fitted with Band-it clamps upon request.

STANDARDS

- Technical Specification FS 373407 rev. 07.
- EN ISO 15540 as referenced by EN 50553/A1 2016 par. 6.3.2.3 (Running capability).
- EN ISO 4589-2 (Fire behaviour by oxygen index).
- EN ISO 5659-2 (Optical density).
- NF X 70-100-1/2 (Toxicity of gases).

MARKING

QUARTER/YEAR - FS 373407.7

TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: As stated in the S.T. FS 373407.7.

CODE 280/...	ID - Length mm	CODE 280/...	ID - Length mm	CODE 280/...	ID - Length mm	CODE 280/...	ID - Length mm
687	26x16/L=0.85m	698	23x13/L=0.25m	709	37x22/L=1.13m	721	45x28/L=0.90m
688	26x16/L=0.42m	699	26x16/L=0.52m	710	37x22/L=1.35m	723	45x28/L=0.465m
689	23x13/L=0.76m	700	23x13/L=1.35m	711	37x22/L=0.35m	727	45x28/L=0.715m
690	23x13/L=0.97m	701	26x16/L=0.76m	712	37x22/L=0.92m	728	45x28/L=0.96m
691	23x13/L=0.36m	702	26x16/L=0.25m	714	37x22/L=1.05m	730	45x28/L=0.53m
692	23x13/L=0.34m	703	26x16/L=0.80m	715	45x28/L=0.40m	731	45x28/L=1.30m
693	23x13/L=0.47m	704	37x22/L=0.40m	716	45x28/L=0.61m	732	45x28/L=1.25m
694	23x13/L=0.83m	705	37x22/L=0.61m	717	45x28/L=0.76m	733	45x28/L=1.75m
695	23x13/L=0.61m	706	37x22/L=0.71m	718	45x28/L=0.83m		
696	23x13/L=0.52m	707	37x22/L=0.76m	719	45x28/L=1.13m		
697	23x13/L=0.42m	708	37x22/L=0.83m	720	45x28/L=1.35m		

Above technical data refer to application at room temperature (+20°C).

Other sizes and colours are available upon request. Please contact our Sales Department. MTG reserves the rights to implement changes in product specifications without notice and as may be deemed appropriate by the Company for any technical or commercial reason. The selection of fittings for our hoses should be made in accordance with the recommendations provided in ISO 8331: "Rubber and plastics hoses and hose assemblies - Guidelines for selection, storage, use and maintenance."