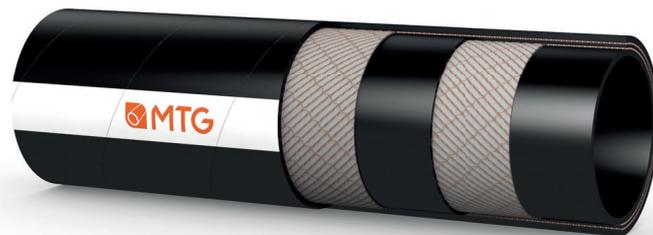


MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Flame-retardant electrical cable protection hose, featuring low smoke opacity and low halogen acid gas emissions; suitable for use in extreme temperature conditions.
- The hose complies with UNI EN 45545-2:2020 requirements (Fire protection on railway vehicles) for Hazard Levels HL1, HL2 (requirement set R22) and HL1, HL2, and HL3 (requirement set R23).
- Good resistance to mineral oil mist.

CONSTRUCTION

- Hose made of MTG rubber code 3362NA.
- TUBE**
- Silicone rubber, self-extinguishing, black colour, smooth.
- REINFORCEMENT**
- Tear resistant plies of synthetic cord.
- COVER**
- Silicone rubber, smooth, self-extinguishing, black colour, cloth finish, resistant to ozone and weather.

STANDARDS

- Technical Specification FS 304188 rev. 03.
- EN ISO 4589-2 (Fire behaviour by oxygen index).
- EN ISO 5659-2 (Optical density).
- NF X 70-100-1/2 (Toxicity of gases).

CERTIFICATIONS

- Classification Report LAPI No. 1618.1IS0040/21 dated 25/10/2021, test method UNI EN 45545-2:2020.
- Classification Report LAPI No. 1951.1IS0040/25 dated 05/11/2025, test method UNI EN 45545-2:2020 and UNI EN 45545-2:2023.

TEMPERATURE RANGE

- From -50°C to +180°C.

DIELECTRIC STRENGTH

- ≥ 5000 V/mm.

MIN. BENDING RADIUS

- 3 times inner diameter*.
- *Attention: The a.m. value is ONLY referring to application with built-in electric cables.

LENGTH

- 19.5m coils with a MINIMUM BATCH of 39m or multiples thereof.

MARKING

 **CORD/CAVI/SIL-NA** – Quarter/Year – FS 304188.3 – EP 15 NM -50°C

TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: I.D.: ISO 1307 - Wall thickness: ± 0.7 mm - Length: ISO 1307

CODE 354/...	ID mm	CODE 354/...	ID mm	CODE 354/...	ID mm
901	9x12	912	28x33	933	38x42
902	8x15	913	30x38	934	41x44
903	70x80	914	32x36	935	55x64
904	13x18	915	33x38	940	35x44.5
905	13x20	916	35x40	941	33x35
906	14x23	917	35x45	-	13x25
907	15x20	918	43x48	CODE 528/426	75x91
908	16x25	919	45x50		
909	22x27	920	35x50		
910	24x29	931	30x34		
911	25x33	932	28x32		10x14

Chemical resistance acc. to MTG Chemical Resistance Chart. 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."