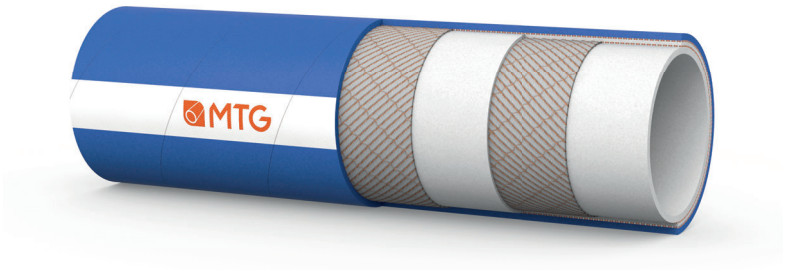
# CONVER CABLE

RAILWAY INDUSTRY

EN ISO 9001:2015
No. : Q-3353-24
EN ISO 45001:2018
No. : 20152240011742
EN ISO 14001:2015
No. : 20051240011741

**MANIFATTURA TUBI GOMMA** S.p.A.
Grisignano di Zocco, 36040 (VI) ITALY
T. +39 0444.614755 | info@mtgspa.com
**www.mtgspa.com**




## APPLICATION

- Rubber hose for delivery of cooling water, demineralized water and glycol, designed to comply with the most stringent requirements concerning impermeability and electric insulation. It is used for the electrotechnical industry in the railway and tramway sector.
- The hose complies with the UNI EN 45545-2 standards (fire protection on railway vehicles) for the HL1 and HL2 risk levels of the R22 and R23 set of requirements.

## CONSTRUCTION

**TUBE**
- EPDM rubber, light colour, smooth.

**REINFORCEMENT**
- High strength plies of synthetic cord.

**COVER**
- EPDM rubber, resistant to abrasion, ozone and weather, blue colour, smooth (cloth finish).

## STANDARDS

- EN ISO 4589-2 (determination of burning behaviour by oxygen index).
- EN ISO 5659-2 (optical density).
- NF X 70-100-1 / 2 (gas toxicity).

## DIELECTRIC STRENGTH

- ≥5000 V/mm.

## CERTIFICATIONS

- Test report "LAPI n° 597.1IS0040/26 dated 22/05/2026, test method: UNI EN 45545-2:2020, UNI EN 45545-2: 2023".

## TEMPERATURE RANGE

- From -40°C to +120°C.

## WORKING PRESSURE

- 20 bar.

## SAFETY FACTOR

- ≥ 3 times working pressure.

## MIN. BENDING RADIUS

- 6 times inner diameter with a pressure of 1 bar/min.

## FITTING

- By means of clamps, collars, pressed-in couplings or other systems needed by the equipment manufacturers.

## MARKING

- EMBOSSED TAPE WITH QUARTER / YEAR.

MTG CONVER CABLE MTG RAIL WAY EN 45545 MADE IN ITALY

## TECHNICAL SPECIFICATIONS

**SIZE TOLERANCES:** Inner diameter: ISO 1307 - Wall Thickness: DIN 7715 T4 S2 - Length: ISO 1307

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." 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." 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 on demand. Please contact our Sales Department.

**Cod. IT-C00247**

**UPDATED:** 07/26
**Rev:** 008