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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 45545-2:2022 standards (fire protection on railway vehicles) for the HL1 and HL2 risk levels of the R22 and R23 set of requirements.

CONSTRUCTION

- Hose manufactured with MTG rubber code 67BI.

TUBE

- Synthetic 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).

CERTIFICATIONS

- Test report "LAPI n° 1710-1711.1IS0040/21 dated 17/11/2021, test method: UNI EN 45545-2:2015".

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

 **CONVER CABLE**  **MTG RAILWAY**  **EN 45545**

TECHNICAL SPECIFICATIONS

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

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

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 Rev: 008