

- IATF16949
- ISO9001
- ISO13485
- ISO14001
- ISO50001

INDUSTRIES AND APPLICATIONS



ISOTEX H 250 perforated

Typical uses

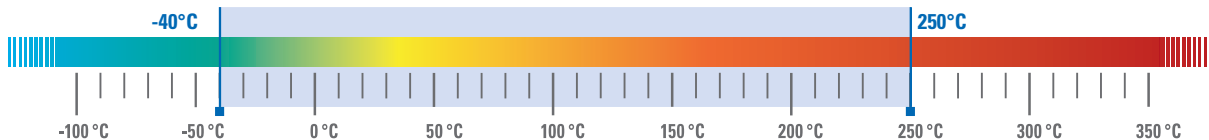
- Automotive industry
- E-mobility / hybrid
- Cable manufacture
- Line protection

Key properties

- Long-term heat resistance of -40°C to $+250^{\circ}\text{C}$
- Short-term heat resistance up to $+275^{\circ}\text{C}$
- Perforated surface
- Good resistance to water, water-Glycol-mixture, salt spray water and cleaning agents
- Good resistance to fuels and lubricants during temporary exposure
- Good elongation and compressibility, very flexible
- Physiologically harmless
- Nominal diameter 12,0 to 17,0 mm
- Colour: orange



Application temperature



Product description

The ISOTEX H 250 perforated protective hose is a combination of a knitted glass fabric and a silicone coating specially developed for high mechanical loads in production and operation. The resulting tough knitting process in combination with the silicone coating provides a compelling level of quality. The special design and the efficient production process ensure a smooth inner and outer surface, good compression with special circularity and extraordinary ductility. These properties result in a simple and effective processing in cable construction. The resistance of ISOTEX H 250 perforated against high temperatures and aggressive media is very good. ISOTEX H 250 perforated is especially suitable for E-mobility, the orange silicone coating also serves as a signal color. The perforation ensures that liquids that have penetrated into the inner tube can for the most part drain off or out of the hose again.

BIW Isolierstoffe GmbH

Pregelstraße 2-5
D-58256 Ennepetal
Tel.: +49 (2333) 8308-0
Fax.: +49 (2333) 8308-10
info@biw.de
www.biw.de

Certified management system by:

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TECHNICAL DATASHEET

INDUSTRIES AND APPLICATIONS



ISOTEX H 250 perforated

Application properties

Property	Standard	Test requirements	Result
Flame resistance	FMVSS 302 LV 312-3	Flame height 38 mm Flame exposure 15 s	Fire classification B

Mechanical / physical properties

Property	Standard	Test requirements	Result
Abrasion resistance	based on LV 312-3	Test at room temperature	Classification B

Ecology, Environment & Safety

Ingredients compliant with VDA requirements

IMDS listed

RoHS, GADSL compliant

Non-asbestos, textile glass fibres non-carcinogenic, non hazardous to the environment, not hazardous to water

When using and disposing of the ISOTEX H 250 perforated protective sleeve there are no environmentally relevant by-products expected.

BIW-Standard dimensions

ISOTEX H 250 perforated (Code: GS2)

On demand individual dimensions available at any time

ID [mm]	Tol. ID [mm]	Wd [mm]	Tol. Wd [mm]	Ring [m]
12.0	+0.5	0.5	+0.3	100
13.0	+0.5	1.0	+0.3	100
14.0	+0.5	1.0	+0.3	100
15.0	+0.5	1.0	+0.3	100
16.0	+0.7	1.0	+0.3	100
17.0	+0.7	1.6	+0.4	100