

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:

- IATF16949
- ISO9001
- ISO13485
- ISO14001
- ISO50001
- IIP (Investors in People)



TECHNICAL DATASHEET

INDUSTRIES AND APPLICATIONS



PEATEX

Typical uses

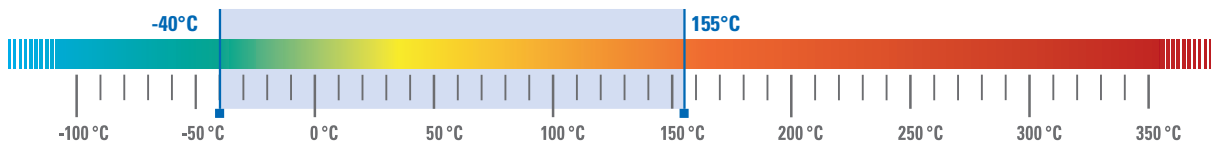
- Automotive industry
- E-mobility / hybrid
- Cable manufacture
- Line protection

Key properties

- Long-term heat resistance of -40°C bis $+155^{\circ}\text{C}$
- Short-term heat resistance up to $+180^{\circ}\text{C}$
- Good abrasion resistance
- Low wear under mechanical and dynamic impacts, high elasticity
- Good resistance to water, salt spray, cleaning agents, transformer oil, impregnating resins as well as to fuels and lubricants during temporary exposure
- Good cut resistance
- Physiologically harmless
- Various colours possible
- Nominal diameter 3,0 mm to 20,0 mm



Application temperature



Product description

PEATEX protection sleeve consists of a thermally high load thermoplastic yarn with a coating of acrylic resin polymer. The combination of these materials allows using this sleeve in automotive industry under thermal and mechanical load. The good resistance to fuels and lubricants should be highlighted (no swelling in contact with diesel). On contrary to protection sleeves containing textile glassfiber, no skin irritation during handling will be expected. However, compared with textile glass systems the thermal capacity is limited in time in extreme situations $> 155^{\circ}\text{C}$ due to the thermoplastic fiber. The maximum operating temperature is 180°C . The PEATEX protective sleeve is especially suitable for assembling longer cable sets because of the good stability and buckling resistance. In use, limited performance in the event of thermal overstress and an undefined dielectric strength must be taken into account.

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PEATEx

Ecology, Environment & Safety

Ingredients compliant with VDA - requirements

IMDS listed

RoHS, GADSL compliant

Non-asbestos, contains no fiberglass, physiologically harmless, non-toxic

When using and disposing of the Peatex protective sleeve there are no environmentally relevant co-products expected.

BIW-Standard dimensions

PEATEx (Code: PSA)

On demand individual colours and dimensions available at any time. PEATEX is also available in custom cut length

ID [mm]	Tol. ID [mm]	Wd [mm]	Tol. Wd [mm]	Ring [m]
3.0	±0.30	0.40	±0.20	100
4.0	±0.30	0.50	±0.25	100
5.0	±0.30	0.50	±0.25	100
6.0	±0.30	0.50	±0.25	100
7.0	±0.30	0.50	±0.25	100
8.0	±0.30	0.50	±0.25	100
9.0	±0.30	0.50	±0.25	100
10.0	±0.50	0.60	±0.25	100
11.0	±0.50	0.60	±0.25	100
12.0	±0.50	0.60	±0.25	100
13.0	±0.50	0.60	±0.25	100
14.0	±0.50	0.60	±0.25	100
15.0	±0.60	0.60	±0.25	50
16.0	±0.60	0.60	±0.30	50
17.0	±0.60	0.60	±0.30	50
18.0	±0.60	0.60	±0.30	50
19.0	±0.60	0.60	±0.30	50
20.0	±0.60	1.00	±0.40	50