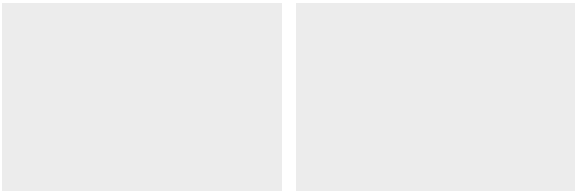
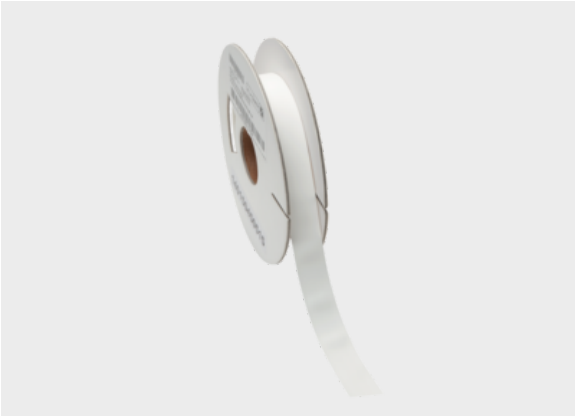




ST-BT-H rail technology, continuous



Product information

Polyolefine (PO) heat-shrink tube, type ST-BT-H Continuous
Halogen-free Polyolefine heat-shrink tube for labeling cables with excellent properties for use with the thermal transfer method. This conduit, with its special approvals, is particularly suitable for applications in the fields of air and rail transport, marine, offshore and tunnel construction.

- Properties
- Excellent printing properties
 - Flat-rolled for thermal transfer method printing
 - Halogen-free, thin-walled
 - Shrink ratio of 2:1 (the recommended shrink range is -20 % of the max. value and +20 % of the min. value)
 - Vehicle category 1a according to BS 6853 (1999)
 - Fire resistance ASTM D 635-HB
 - Shrink temperature >90°C
 - Application temperature -55°C to +105°C

- Standards
- ASTM D 635-HB flammability
 - Boeing BSS 7239, formation of toxic gases during M7 material incineration

- Rail standards
- EN 45545-2 Tier 3x HL3 (R22)
 - BS6853 (1999) vehicle category 1a
 - UNI CEI 11170-3 Tier LR4
 - DIN 5510-2 Annex C Low Smoke Toxicity
 - DIN 5510-2 Drip Class ST2
 - DIN 5510-2 Smoke Formation Tier SR2

Information, conformities and approvals



| Article | Order No. | Color | Flat area mm | Cable diameter max. mm | Shrinkage area from - to Ø mm | Recommended Colour ribbon | Software Article | PU pcs. |
|---------------------------------|-----------|-------|-----------------|------------------------------|--|------------------------------|---------------------|------------|
| Continuous roll ware; 22 m roll | | | | | | | | |
| ST-BT-H 2,4 - 22m 1) | 86533300 | White | 4.2 | 2.4 | 2.4 - 1.2 | FB-BT 40mm x 300m AB7 | | 22 |
| ST-BT-H 3,2 - 22m 1) | 86533301 | White | 6.2 | 3.2 | 3.2 - 1.6 | FB-BT 40mm x 300m AB8 | | 22 |



ST-BT-H rail technology, continuous

| Article | Order No. | Color | Flat area mm | Cable diameter max. mm | Shrinkage area from - to Ø mm | Recommended Colour ribbon | Software Article | PU pcs. |
|---|-----------|-------|-----------------|------------------------------|--|------------------------------|---------------------|------------|
| ST-BT-H 4,8 - 22m 1) | 86533302 | White | 8.5 | 4.8 | 4.8 - 2.4 | FB-BT 40mm x 300m AB0 | | 22 |
| 1) Information about packaging unit = roll length (m) | | | | | | | | |
| 1) Information about packaging unit = roll length (m) | | | | | | | | |

Material properties



Polyolefin

Thermal properties



Temperature / temperature range

-55 °C - 105 °C

Fire properties



Fire classification

ASTM D 635-HB

Technical information



Halogen-free

Approvals and operating permits



EU railway approval

Classification

ETIM 9: EC002254
ECLASS 14: 27400105
UNSPSC 26.0801: 39121723

General technical data



Assembly method

0000000000001



ST-BT-H rail technology, continuous

Assembly method



Heat-shrink tube system

Labelling technology



Thermal transfer