



## 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.
<b>Continuous roll ware; 22 m roll</b>								
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



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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 ABO		22
1) Information about packaging unit = roll length (m)								
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### 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

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## ST-BT-H rail technology, continuous

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### Assembly method



Heat-shrink tube system

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### Labelling technology



Thermal transfer

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