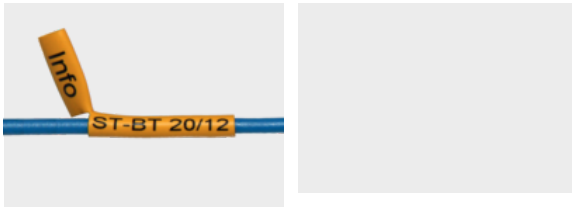
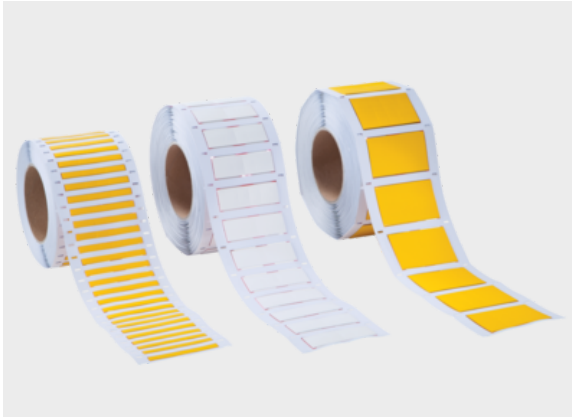


ST-BT-H Rail technology, taped



Product information

Polyolefine (PO) heat-shrink tube, type ST-BT-H

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.

The pre-perforated ST-BT-H 20/12 heat-shrink tube is divided into a 20 mm long section for cable identification and a 12 mm long section, which contains information to simplify wiring the circuits. This section can be discarded after the circuit is wired. This method helps to significantly reduce the processing time

Properties

- Excellent printing properties
- Flat-rolled for thermal transfer printing
- Halogen-free, thin-walled
- Shrink ratio 2:1
- 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	Marker length mm	Flat area mm	Cable diameter max. mm	Shrinkage area from - to Ø mm	Recommended Colour ribbon	Software Article	PU pcs.
Railway technology, taped, marking length 20 mm, with 12 mm printable info section									
ST-BT-H 20/12-3,2	86531100	White	20	6.2	3.2	3.2 - 1.6	FB-BT 80mm x 300m	A70	2000
ST-BT-H 20/12-3,2	86532100	Yellow	20	6.2	3.2	3.2 - 1.6	FB-BT 80mm x 300m	A74	2000



ST-BT-H Rail technology, taped

Article	Order No.	Color	Marker length mm	Flat area mm	Cable diameter max. mm	Shrinkage area from - to Ø mm	Recommended Colour ribbon	Software Article	PU pcs.
ST-BT-H 20/12-4,8	86531101	White	20	8.5	4.8	4.8 - 2.4	FB-BT 80mm x 300m	A71	2000
ST-BT-H 20/12-4,8	86532101	Yellow	20	8.5	4.8	4.8 - 2.4	FB-BT 80mm x 300m	A75	2000
ST-BT-H 20/12-12,7	86531102	White	20	20.9	12.7	12.7 - 6.4	FB-BT 80mm x 300m	A72	1000
ST-BT-H 20/12-12,7	86532102	Yellow	20	20.9	12.7	12.7 - 6.4	FB-BT 80mm x 300m	A76	1000
ST-BT-H 20/12-25,4	86531103	White	20	40.5	25.4	25.4 - 12.7	FB-BT 80mm x 300m	A73	600
ST-BT-H 20/12-25,4	86532103	Yellow	20	40.5	25.4	25.4 - 12.7	FB-BT 80mm x 300m	A77	600
Railway technology, taped, marking length 20 mm, with 12 mm printable info section (maxi-size roll)									
ST-BT-H 20/12-3,2	86531000	White	20	6.2	3.2	3.2 - 1.6	FB-BT 80mm x 300m	A70	20000
ST-BT-H 20/12-3,2	86532000	Yellow	20	6.2	3.2	3.2 - 1.6	FB-BT 80mm x 300m	A74	20000
ST-BT-H 20/12-4,8	86531001	White	20	8.5	4.8	4.8 - 2.4	FB-BT 80mm x 300m	A71	20000
ST-BT-H 20/12-4,8	86532001	Yellow	20	8.5	4.8	4.8 - 2.4	FB-BT 80mm x 300m	A75	20000
ST-BT-H 20/12-12,7	86531002	White	20	20.9	12.7	12.7 - 6.4	FB-BT 80mm x 300m	A72	6000
ST-BT-H 20/12-12,7	86532002	Yellow	20	20.9	12.7	12.7 - 6.4	FB-BT 80mm x 300m	A76	6000
ST-BT-H 20/12-25,4	86531003	White	20	40.5	25.4	25.4 - 12.7	FB-BT 80mm x 300m	A73	4000
ST-BT-H 20/12-25,4	86532003	Yellow	20	40.5	25.4	25.4 - 12.7	FB-BT 80mm x 300m	A77	4000
Rail technology, taped, marker length 32 mm									
ST-BT-H 32-3,2	86531150	White	32	6.2	3.2	3.2 - 1.6	FB-BT 80mm x 300m	A78	2000
ST-BT-H 32-3,2	86532150	Yellow	32	6.2	3.2	3.2 - 1.6	FB-BT 80mm x 300m	A82	2000
ST-BT-H 32-4,8	86531151	White	32	8.5	4.8	4.8 - 2.4	FB-BT 80mm x 300m	A79	2000
ST-BT-H 32-4,8	86532151	Yellow	32	8.5	4.8	4.8 - 2.4	FB-BT 80mm x 300m	A83	2000
ST-BT-H 32-12,7	86531152	White	32	20.9	12.7	12.7 - 6.4	FB-BT 80mm x 300m	A80	5000
ST-BT-H 32-12,7	86532152	Yellow	32	20.9	12.7	12.7 - 6.4	FB-BT 80mm x 300m	A84	1000
ST-BT-H 32-25,4	86531153	White	32	40.5	25.4	25.4 - 12.7	FB-BT 80mm x 300m	A81	600
ST-BT-H 32-25,4	86532153	Yellow	32	40.5	25.4	25.4 - 12.7	FB-BT 80mm x 300m	A85	600



ST-BT-H Rail technology, taped

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

Assembly method



Heat-shrink tube system

Labelling technology



Thermal transfer

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