

TERMOBLOCK HEAT-SHRINKABLE TUBING TBS


flame-retardant Polyolefin shrinkage ratio 2÷1

Heat-shrinkable Polyolefin tubing for general use is environmentally neutral, flexible, inflammable and offers fast heat shrinkage and stable performance. Main uses include insulation and protection of electrical conductors, connectors and terminations; protection of metal tubes from corrosion; protection of antennae and various identification applications.



Technical specifications:	Test Method	Performance
Traction resistance (MPa):	ASRM D2671	≥10.4
Elongation at failure (%):	ASRM D2671	≥200
Traction resistance after heat aging (MPa):	U L 2 2 4 158°C×168hr	≥7.3
Elongation at failure after heat aging (%):	U L 2 2 4 158°C×168hr	≥100
Heat resistance:	U L 2 2 4 250°C×4hr	No failure
Low temperature flexibility	U L 2 2 4 -30°C×4hr	No failure
Dielectric strength (kv/mm):	IEC 243	≥15
Insulation resistance:	600V UL 224	No perforation at 2500V
Volume resistance (Ω.cm)	IEC 93	≥1x10 ¹⁴
Corrosive action:	U L 2 2 4 158°C×168hr	Not corrosive
Copper compatibility:	U L 2 2 4 158°C×168hr	Not corrosive
Flammability:	UL 224	VW-1

CERTIFICATES 

 2011/65/EU

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Technical characteristics

Material (Body)	Cross-linked polyolefin
Halogen Free	yes



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List of products

TBS					
Type	Length	Diameter pre-shrinkage	Diameter post-shrinkage	Thickness post-shrinkage	Colour
TBS16X20BK	20 m	1.5 mm	0.85 mm	0.32 mm	Black
TBS24X20BK	20 m	2.5 mm	1 mm	0.35 mm	Black
TBS32X10BK	10 m	3 mm	1.3 mm	0.38 mm	Black
TBS48X10BK	10 m	4.5 mm	2 mm	0.45 mm	Black
TBS64X10BK	10 m	6.5 mm	3 mm	0.55 mm	Black
TBS95X10BK	10 m	9.5 mm	4.5 mm	0.6 mm	Black
TBS127X10BK	10 m	12.5 mm	6 mm	0.6 mm	Black
TBS190X5BK	5 m	19 mm	9 mm	0.8 mm	Black
TBS254X5BK	5 m	26 mm	12.5 mm	0.9 mm	Black
TBS16X20RE	20 m	1.5 mm	0.85 mm	0.32 mm	Red
TBS24X20RE	20 m	2.5 mm	1 mm	0.35 mm	Red
TBS32X10RE	10 m	3 mm	1.3 mm	0.38 mm	Red
TBS48X10RE	10 m	4.5 mm	2 mm	0.45 mm	Red
TBS64X10RE	10 m	6.5 mm	3 mm	0.55 mm	Red
TBS95X10RE	10 m	9.5 mm	4.5 mm	0.6 mm	Red
TBS127X10RE	10 m	12.5 mm	6 mm	0.6 mm	Red
TBS190X5RE	5 m	19 mm	9 mm	0.8 mm	Red
TBS254X5RE	5 m	26 mm	12.5 mm	0.9 mm	Red
TBS16X20BU	20 m	1.5 mm	0.85 mm	0.32 mm	Blue
TBS24X20BU	20 m	2.5 mm	1 mm	0.35 mm	Blue
TBS32X10BU	10 m	3 mm	1.3 mm	0.38 mm	Blue
TBS48X10BU	10 m	4.5 mm	2 mm	0.45 mm	Blue
TBS64X10BU	10 m	6.5 mm	3 mm	0.55 mm	Blue
TBS95X10BU	10 m	9.5 mm	4.5 mm	0.6 mm	Blue
TBS127X10BU	10 m	12.5 mm	6 mm	0.6 mm	Blue
TBS190X5BU	5 m	19 mm	9 mm	0.8 mm	Blue
TBS254X5BU	5 m	26 mm	12.5 mm	0.9 mm	Blue
TBS16X20Y/G	20 m	1.5 mm	0.85 mm	0.32 mm	Yellow-Green
TBS24X20Y/G	20 m	2.5 mm	1 mm	0.35 mm	Yellow-Green

TBS32X10Y/G	10 m	3 mm	1.3 mm	0.38 mm	Yellow-Green
TBS48X10Y/G	10 m	4.5 mm	2 mm	0.45 mm	Yellow-Green
TBS64X10Y/G	10 m	6.5 mm	3 mm	0.55 mm	Yellow-Green
TBS95X10Y/G	10 m	9.5 mm	4.5 mm	0.6 mm	Yellow-Green
TBS127X10Y/G	10 m	12.5 mm	6 mm	0.6 mm	Yellow-Green
TBS190X5Y/G	5 m	19 mm	9 mm	0.8 mm	Yellow-Green
TBS254X5Y/G	5 m	16 mm	12.5 mm	0.9 mm	Yellow-Green
TBS16X20GY	20 m	1.5 mm	0.85 mm	0.32 mm	Grey
TBS24X20GY	20 m	2.5 mm	1 mm	0.35 mm	Grey
TBS32X10GY	10 m	3 mm	1.3 mm	0.38 mm	Grey
TBS48X10GY	10 m	4.5 mm	2 mm	0.45 mm	Grey
TBS64X10GY	10 m	6.5 mm	3 mm	0.55 mm	Grey
TBS95X10GY	10 m	9.5 mm	4.5 mm	0.6 mm	Grey
TBS127X10GY	10 m	12.5 mm	6 mm	0.6 mm	Grey
TBS190X5GY	5 m	19 mm	9 mm	0.8 mm	Grey
TBS254X5GY	5 m	26 mm	12.5 mm	0.9 mm	Grey
TBS16X20BR	20 m	1.5 mm	0.85 mm	0.32 mm	Brown
TBS24X20BR	20 m	2.5 mm	1 mm	0.35 mm	Brown
TBS32X10BR	10 m	3 mm	1.3 mm	0.38 mm	Brown
TBS48X10BR	10 m	4.5 mm	2 mm	0.45 mm	Brown
TBS64X10BR	10 m	6.5 mm	3 mm	0.55 mm	Brown
TBS95X10BR	10 m	9.5 mm	4.5 mm	0.6 mm	Brown
TBS127X10BR	10 m	12.5 mm	6 mm	0.6 mm	Brown
TBS190X5BR	5 m	19 mm	9 mm	0.8 mm	Brown
TBS254X5BR	5 m	26 mm	12.5 mm	0.9 mm	Brown
TBS16X20WH	20 m	1.5 mm	0.85 mm	0.32 mm	White
TBS24X20WH	20 m	2.5 mm	1 mm	0.35 mm	White
TBS32X10WH	10 m	3 mm	1.3 mm	0.38 mm	White
TBS48X10WH	10 m	4.5 mm	2 mm	0.45 mm	White
TBS64X10WH	10 m	6.5 mm	3 mm	0.55 mm	White
TBS95X10WH	10 m	9.5 mm	4.5 mm	0.6 mm	White
TBS127X10WH	10 m	12.5 mm	6 mm	0.6 mm	White
TBS190X5WH	5 m	19 mm	9 mm	0.8 mm	White
TBS254X5WH	5 m	16 mm	12.5 mm	0.9 mm	White