

## Shrink tube PROTECT-M/PROTECT-T

TBW/TBM Heat Shrink tube is a 3:1 thick/medium walled shrinking tube which is particularly meant for demanding environments as underwater and underground applications.

### Info

Medium / thick walled



Suitable for outdoor use



Good chemical resistance



Halogen-free



Corrosion-resistant



UV-resistant



Waterproof

### Benefits

Is designed to withstand the severe mechanical requirements of submersible and direct-buried installations  
High resistance to abrasion, corrosion and chemicals  
Good weather-resistance

### Application range

Thick and medium-wall shrink tubes for 600 V, 90°C low voltage applications in continuous use  
Ideal for the protection of cable joints and terminations in low voltage power applications

### Product features

Adhesive lining bonds to plastic, rubber, neoprene, steel and polyethylene  
Silicone-free  
UV-resistant  
Halogen-free

Last Update (24.04.2024)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

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### Included

Plastic bags with 1.0 m units

### Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC000217

ETIM 5.0 Class-Description: Heat-shrink tubing

Classification ETIM 6:

ETIM 6.0 Class-ID: EC000217

ETIM 6.0 Class-Description: Shrink tubing

Note:

PROTECT-M: medium wall

PROTECT-T: heavy wall

Dielectric strength: 15 kV/mm

Info:

Shrinking ratio: 3:1

Colour delivered:

Black

Material:

Cross-linked modified polyolefin, with thermoplastic adhesive coating inside

Temperature range:

-40°C to +120°C

Shrinking temperature: +110°C

### Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Article description	Shrinkage range (mm)	Panel thickness, shrunk +- 0.1 mm	PU (m)	PU
Medium wall					
61742460	PROTECT-M 12/3 BK	12 - 3	2.2	15	1
61742461	PROTECT-M 33/8 BK	33 - 8	2.6	10	1
61742462	PROTECT-M 40/12 BK	40 - 12	2.6	5	1
61742463	PROTECT-M 56/17 BK	56 - 17	2.9	3	1
61742464	PROTECT-M 92/26 BK	92 - 26	3.15	1	1
Thick wall					
61742455	PROTECT-T 13/3 BK	13.0 - 3.0	2.65	25	1
61742456	PROTECT-T 19/6 BK	19 - 6	2.65	15	1
61742457	PROTECT-T 45/13 BK	45 - 13	3.7	5	1
61742458	PROTECT-T 52/15 BK	52.0 - 15.0	4.1	3	1
61742459	PROTECT-T 130/45 BK	130 - 45	4.2	1	1