

# Plymouth

Plymouth Rubber Europa S.A

## 17 Plyshield EPR Shielding Tape

### FOR SHIELDING HIGH VOLTAGE SPLICES AND TERMINATIONS

- Self-amalgamating
- Good conducting properties
- Easy to apply
- UV resistant

**RECOMMENDED USES:** For electrostatic shielding on high voltage splices and terminations. Filling indents in compression connectors and rebuilding strand shielding on high voltage splices. Shielding bus and overhead connections.

#### STANDARD SIZES:

- 3/4 in x 15 ft.  
19mm x 4.6m

Consult factory for other sizes.

**DESCRIPTION:** 17 Plyshield is an ethylene propylene rubber based, self amalgamating and conducting tape. Its unsupported construction makes it ideal for use on power cable where accommodation of expansion and contraction due to load cycling is important. The excellent stretch of 17 Plyshield allows conformability to complex shapes. 17 Plyshield is compatible with all extruded dielectric cable insulations.

#### SPECIFICATIONS:

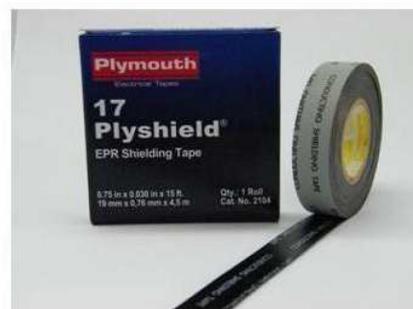
Property	Value	Unit	Test Method
Physical			
Color	Black	---	---
Thickness	0,76	mm	ASTM D 4325
	0.030	inch	ASTM D 4325
Tensile Strength	100 Min.	lb/in	ASTM D 4325
	175	N/cm	ASTM D 4325
Elongation	300	%	ASTM D 4325
Fusion	2 Max.	mm	ASTM D 4325
	5/64 Max.	inch	ASTM D 4325
Operating Temperature			
	Continuous	90	°C
Emergency Overload	130	°C	ASTM D 4388

Chemical			
Water Absorption	0,02	%	ASTM D 570
UV Resistance	Pass	Visual	ASTM D 4325

Electrical			
Volume Resistivity			
96 h @ 23 °C and 50 % RH	870	ohm · cm	ASTM D 4325
168 h @ 90 °C	5x10 <sup>4</sup>	ohm · cm	ASTM D 4325

Data in table represent average test results and are not to be used for specification purposes. The product user should make his/her own tests to determine the product's suitability for the intended use.

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**T&D THORNE &  
DERRICK UK**

Tel: +44 (0)191 490 1547  
Fax: +44 (0)191 477 5371  
Email: [northernsales@thorneandderrick.co.uk](mailto:northernsales@thorneandderrick.co.uk)  
Website: [www.cablejoints.co.uk](http://www.cablejoints.co.uk)  
[www.thorneandderrick.co.uk](http://www.thorneandderrick.co.uk)