



# 17 Plyshield® EPR Shielding Tape

## FOR SHIELDING HIGH VOLTAGE SPLICES AND TERMINATIONS

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

**RECOMMENDED USES:** For electro-static 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:

- 1 3/4 in x 15 ft.
- 1 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.

17Ply 12/96

### SPECIFICATIONS:

PROPERTY	VALUE	UNIT	TEST METHOD
<b>PHYSICAL</b>			
Color	Black	-	-
Thickness	0.030	inch	ASTM-D-4325
	0.762	mm	
Tensile Strength	225	lbs/in	ASTM-D-4325
Elongation	500	%	ASTM-D-4325
Fusion	5/64 max.	inch	ASTM-D-4325
Operating Temperature			
Continuous	90	°C	ASTM-D-4388
Emergency overload	130	°C	ASTM-D-4388
<b>CHEMICAL</b>			
Water Absorption	0.02	%	ASTM-D-570
UV Resistance	Pass	Visual	ASTM-D-4325
<b>ELECTRICAL</b>			
Volume Resistivity			
96h @ 23°C			
50% RH	870	ohm-cm	ASTM-D-4325
168h @ 90°C	1 x 10 <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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