



Hypalon

Vulcanizable Jacketing Compound

Technical Data Sheet

October 2017

Description and Features	<p>Hypalon molding compound is used to repair mine cable jacket. The material is designed to flow and bond to Neoprene, Hypalon, CPE, TPU and PVC jacketed cables. The compound provides an abrasive and moisture sealed repair of damaged mine cable.</p> <p>The Hypalon molding compound cures rapidly at vulcanizing temperature. Molding temperatures and times will vary depending on the size of the cable. Repairs might be vulcanized between 132 °C (270°F) and 160 °C (320°F). The hardness of the final repair is similar to the cable jacket.</p> <p>Supply as unvulcanized compound, the product has a defined shelf life. Available in orange, black and yellow colours.</p> <ul style="list-style-type: none"> • Repairs all types of extruded cables jacket • Good shelf life of unvulcanized compound • Simple application • Flame retardant 			
Materials	Backing Rubber	Adhesive None	Colors Black, orange, yellow.	Standard Size Width x Length 38 mm x 9,1 m (1.5 in. x 30 ft.) Other sizes available upon request
Technical Properties	Characteristic	Typical Value	Test Method	
	Thickness (mm)	0,76	ASTM D 4325	
	Tensile Strength (MPa)	0,75	ASTM D 412	
	Elongation (%)	800	ASTM D 412	
	Final Hardness (Shore A)	55 to 65	ASTM D 4325	
	Water Absorption (%)	0,1	ASTM D 570	
	Dielectric Strength (kV/mm)	20	ASTM D 149	
	Taber abrasion (g) (Weight loss, 1000 cycles)	0,22	ASTM D-3389	
	Dielectric constant	5,8	ASTM D 150	
	Volume resistivity (Ohm.cm)	9,5x10 ¹²	ASTM D 257	
Recommended Uses	As jacketing tape to use on neoprene, hypalon, CPE, TPU & PVC jacketed cables and for corrosion protection on lead splicing sleeves.			
Storage	In original packaging, placed in horizontal position under cover and temperature between 5°C and 20 °C			
Shelf Life	9 months from date of manufacture.			

Information provided is for reference only. 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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