



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 Thickness (mm) Tensile Strength (MPa) Elongation (%) Final Hardness (Shore A) Water Absorption (%) Dielectric Strength (kV/mm) Taber abrasion (g) (Weight loss, 1000 cycles) Dielectric constant Volume resistivity (Ohm.cm)	Typical Value 0,76 0,75 800 55 to 65 0,1 20 0,22 5,8 9,5x10 ¹²	Test Method ASTM D 4325 ASTM D 412 ASTM D 412 ASTM D 4325 ASTM D 570 ASTM D 149 ASTM D-3389 ASTM D 150 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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