



Plytuff®

Flame Retardant PVC Jacketing Tape

Technical Data Sheet **October 2017**

Description and Features	<p>Plytuff is a specially formulated polyvinyl chloride tape designed for use where flame resistance and toughness are necessary. Adhesive backing is made for excellent adherence to neoprene, hypalon and polyurethane portable cable jackets.</p> <ul style="list-style-type: none"> • Flame retardant • Works in any weather • Highly abrasion resistant. • Strong adhesive backing • Oil resistant • High breaking strength • Compatible with all jacketing materials • P-153 MSHA acceptance. • Meets 2000/53/EC and RoHS 2011/65/EU directives. Plytuff® tape does not contain lead, cadmium, mercury, chromium (VI), polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE), butyl benzyl phthalate (BBP), di(2-ethylhexyl phthalate (DEHP), dibutyl phthalate (DBP) or diisobutyl phthalate (DIBP).
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Materials	Backing	Adhesive	Color	Standard Sizes
	PVC	Rubber based	Black	Width x Length 19 mm x 20 m (0.75 in. x 66 ft.) 38 mm x 20 m (1.5 in. x 66 ft.) 38 mm x 13 m (1.5 in. x 44 ft.) Other sizes available upon request

Technical Properties	Characteristic	Specification	Typical Value	Test Method
	Thickness, (mm)	0,18±0,25	0,20	ASTM D 1000
	Breaking strength (N/cm)	30 min	40	ASTM D 1000
	Elongation at break (%)	180 min	270	ASTM D 1000
	Adhesion to steel (N/cm)	2,0 min	2,4	ASTM D 1000
	Adhesion to backing (N/cm)	2,0 min	2,4	ASTM D 1000
	Flammability	Self-extinguishing	Self-extinguishing	MSHA 30-CFR 18.64
	Dielectric breakdown (kV)	7 min	8	ASTM D 1000

Recommended Uses	Use for primary insulation through 600 V. Rejacketing of trailing cable splices subjected to abuse on outer surfaces. Sealing ends of hot and cold sleeve-type trailing cable splices against moisture penetration. Jacketing on high voltage splices in hostile environments. Covering nicks and abrasion on all mining cables. Highly flame resistant and designed for applications where water, dirt, grease, oils and other contaminants are encountered in significant amounts.
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Storage	In original packaging, placed in horizontal position under cover and temperature between 5°C and 35 °C, 50-80% R.H.
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Shelf Life	60 months from date of manufacture.
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