



WW-HR SERIES

LINERLESS RUBBER SPLICING TAPE - 69kV

DESCRIPTION	FEATURES
<p>WW-HR is an ethylene rubber-based high-voltage tape with excellent electrical, chemical and physical properties. This linerless self-bonding tape permits faster taping speeds than tapes with liners and yields a uniform, void-free buildup. The excellent stretching ability of WW-HR allows it to conform to complex shapes and contours. It is compatible with all extruded cable insulations and has been specially formulated for thermal conductivity to allow heat to dissipate from a joint. Additionally, WW-HR tape is flame-retardant and meets typical industry standards.</p>	<ul style="list-style-type: none"> • Linerless • Self-bonding • Outstanding corona and ozone resistance • High thermal conductivity and flame retardant • Excellent moisture, corrosion, UV and chemical resistance • Rated up to 69kV • Lead free

MATERIALS	BACKING	ADHESIVE	COLOR	STANDARD SIZES (WIDTH X LENGTH)	PART NUMBERS
	EPR rubber	Acrylic adhesive	Black	.75" x 30' (19mm x 9.1m) 1" x 30' (25mm x 9.1m) 1.5" x 30' (38mm x 9.1m) 2" x 30' (51mm x 9.1m)	WW-HR-75 WW-HR-10 WW-HR-15 WW-HR-20

TECHNICAL PROPERTIES	CHARACTERISTIC	TYPICAL VALUE	TEST METHOD
	Thickness (mils)	29.9	ASTM D 4325
	Breaking strength (psi)	333.6	ASTM D 412
	Elongation at break (%)	890	ASTM D 412
	Fusion (78.74 mils max.)	No flag	ASTM D 4325
	Heat resistance	266°F, 130°C	ASTM D 4325
	Operating temp.: Continuous	194°F, 90°C	ASTM D 4325
	Operating temp.: Emergency overload	266°F, 130°C	ASTM D 4325
	Water absorption (%)	0.06	ASTM D 570
	Ozone resistance	Pass	ASTM D 4325
	UV resistance	Pass	ASTM D 4325
	Dielectric strength (V/mil)	990.6	ASTM D 149
	Dissipation factor after water immersion	0.005	ASTM D 150
	Dissipation factor after hot water immersion	0.015	ASTM D 150
	Dielectric constant: after water immersion	2.9	ASTM D 150
	Dielectric constant: after hot water immersion	3.1	ASTM D 150
Volume resistivity (Ω.cm) 96h @ 23°C and 50% RH	1x10 ¹⁶	ASTM D 257	
Volume resistivity (Ω.cm) 96h @ 23°C and 96% RH	1x10 ¹³	ASTM D 257	

RECOMMENDED USES	STORAGE	SHELF LIFE
For insulating and jacketing of splices on power cable from 600 volts through 69,000 volts and for building stress cones and jacketing of terminations on power cable from 600 volts through 35,000 volts. Insulate and protect bus bars and joints.	In original packaging, placed in a horizontal position, covered, between 5°C and 35°C.	60 months from date of manufacture.

Data in table represents average test results and are not to be used for specification purpose. Users should test the products' suitability for their intended use themselves.

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