



WW-RS SERIES

LINERLESS RUBBER SPLICING TAPE - 600V

DESCRIPTION	FEATURES
WW-RS is a general-purpose ethylene rubber based tape with excellent electrical, chemical and physical properties. WW-RS is a self-bonding tape that permits much quicker taping speeds than a tape with a liner and yields a uniform, void-free build-up. The excellent stretch of WW-RS allows conformability to the most complex shapes and contour. WW-RS is compatible with all extruded cable insulations and is specially formulated to have excellent thermal conductivity that will allow the heat to dissipate from a joint. It is flame retardant and meets typical industry standards.	- Rated up to 600V - Meets ASTM D-4388 SPECIFICATION (TYPE I, II, III) - Self-bonding - Outstanding corona and ozone resistance - High thermal conductivity and flame retardant - Excellent moisture, corrosion, UV and chemical resistance - Linerless - Lead free

MATERIALS	BACKING	ADHESIVE	COLOR	STANDARD SIZES (WIDTH X LENGTH)	PART NUMBER
	EPR Rubber	Acrylic adhesive	Black	.75" x 15' (19mm x 4.6m) 1" x 15' (25mm x 4.6m) 1.5" x 15' (38mm x 4.6m) 2" x 15' (51mm x 4.6m)	WW-RS-75 WW-RS-10 WW-RS-15 WW-RS-20

TECHNICAL PROPERTIES	CHARACTERISTIC	TYPICAL VALUE	TEST METHOD
	Thickness (mils)	30	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 of splices on solid dielectric cable through 600 volts in conjunction with a jacketing tape	In original packaging, placed in horizontal position under cover and temperature 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. The product users should make their own tests to determine the products' suitability for the intended use

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