

MATERIAL DATA SHEET

Type: Copolymer Coated

The copolymer exhibits excellent adhesion to the aluminum substrate and has the chemical resistance and general characteristics of low-density polyethylene; it bonds to low, linear low, medium and high-density polyethylene. The aluminum is electrical grade and purity, which has high conductivity and fabrication characteristics.

Item		Unit	Values	Method
Color		N/A	White or Green	N/A
Thickness	Al	0.15 / 0.20	mm	N/A
	EAA	0.05	mm	N/A
	Total	0.25 / 0.30	mm	N/A
Tensile Strength		MPa	≥58	ASTM E8
Elongation @ break		%	≥15	ASTM E8
Peel strength		N/cm	≥6.13	ASTM B736
Heat Seal strength		N/cm	≥17.5	ASTM B736
Corrosion resistance		Grade	7	-----
Filler / Flood Resistance 68 deg C/168 hrs		-----	No Delaminating	REA PE-39, PE-89
Water Resistance 68 deg C/168 hrs, Peel Strength		N/cm	≥6.13	ASTM B736
Dielectric Strength Two-Side, DC 1Kv, 1min		-----	No Break	-----

Other parameters, such as width, length, ID and OD will be supplied as per customer order.

The data presented herein is given in good faith and correct to the best of our knowledge at publication. Values quoted are typical and do not constitute a guarantee of performance and UNITAPE reserve the right to make alterations without notice.