

## MATERIAL DATA SHEET

AlfaBond CA 1502 Coated Aluminium

### Product Description

AlfaBond CA 1502 plastic clad aluminum consists of an aluminum tape coated on both sides with an adherent ethylene copolymer. 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 an electrical grade, which has high conductivity and excellent fabrication characteristics.

The coated aluminum meets or exceeds the requirements of the Chinese Standard YD/T723.3-94 and ASTM B736, Type I, Class 2.

### Specification

Type	Standard	Thickness(mm)			Color
EL	YD/T723.3-94	Aluminum	EAA	Total	Natural
PO No.		0.15	0.05	0.20	
Property	Unit	Typical value		Test Method	
Tensile Strength	MPa	≥65		ASTM E8	
Elongation at break	%	≥15		ISO 527	
Peel strength	N/cm	≥6.13		ASTM E8	
Heat seal strength	N/cm	≥17.5		ASTM B 736	
Filler/Floodant Resistance 68±1°C,168hrs		No delamination		REA PE-39, PE-89	
Water Resistance 68±1°C,168hrs Peel strength	N/cm	≥6.13		ASTM B736	
Dielectric strength Two-side, DC 1KV, 1 min		No Break			
Corrosion Resistance	Grade	7			

### PANCAKE TYPE:

Inner diameter (mm)	Width Jumbo Roll (mm)	Width Slit Roll (mm)	Outer diameter (mm)	Length (m)
150 (+/-3mm)	500	12-500	406 (+/-3mm)	2100, 4200

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