

## MATERIAL DATA SHEET

### Type: Double side Polymer Coated Steel Tape

This consists of electrolytic chrome steel (ECCS) tape coated on both sides with polyethylene copolymer. The copolymer exhibits excellent adhesion to the steel substrate and has the chemical resistance and general characteristics of lower density polyethylene; it bonds to low, linear low, medium and high-density polyethylene.

No	Property	Units	Typical value	Test method
1	Thickness			ASTM A623M
	Steel coil	mm	0.15+/-0.01	
	Copolymer coat	mm	0.05+/-0.01	
	Total	mm	0.25+/-0.02	
2	Colour		Green	
3	Peel strength	N/cm	min 6.13	ASTM B736
	Between Steel and Copolymer			
4	Tensile Strength	MPA	320-380	ASTM B736
5	Elongation	%	min 15	
6	Peel strength of Water Resistance	N/cm	min 6.13	ASTM B736
	68±1 deg C, 168 h			
7	Filler/Flooding Resistance		No delamination	REA PE-39, PE-89
	68± 1 deg C, 168 h			
8	Heat seal strength	N/cm	min 17.5	ASTM B736
9	Dielectric strength (DC2KV 1 min)		Without breakdown	
10	Corrosion Resistance	Grade	min 7	ASTM A657
	0.1mol/L HCL 480 h			
11	Core ID	mm	406	

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.