

TECHNICAL DATA SHEET



ECCS Copolymer Coated Steel Tape

Armoring and Shielding for Telecommunication Cables

Grade: 1552

Low carbon electrolytically chrome coated steel tape tempered to T3, suitable for telecommunication cables. Coated with a polyethylene copolymer film 1552 exhibits excellent adhesion to the steel substrate and provides a strong bond to cable jacketing materials LDPE, MDPE and HDPE

Property	Test method	Value	Unit
General:			
Thickness (± 0.015 mm)		0.155	mm
Thickness coating (± 0.005 mm)		0.045	mm
Mechanical:			
Tensile strength	ASTM A 370	300 - 400	N/mm ²
Elongation	ASTM A 370	> 15	%
Peel strength (coating to metal)	ASTM B 736	6.1	N/cm
Heat seal strength (coating to coating)	ASTM B 736	> 17.5	N/cm
Water aging effects (after 1 week 68°C)	ASTM B 736	No Decrease	
Lap shear (coating sealed to coating)	ASTM B 736	Breaks Metal	

Product Offering

Width (mm) Jumbo roll: 610

Width (mm) Slit roll: 12 - 610

Length (m): 2300, 4500

ID (mm): 406

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