



INDOGUARD ES8 Laminated SS Tape

Polymer Laminated Stainless Steel Tape for Telecommunication cables

Product Application:

INDOGUARD ES8 laminated steel tape protects cable during and after installation against damages and rodents.

INDOGUARD ES8 offers higher mechanical properties and moisture barrier to cables and offers long cable service life.

INDOGUARD ES8 adheres well to polyethylene and to jackets that contains, CPE, HDPE, LLDPE, LDPE or MDPE. This bonded jacket construction:

1. Forms a unified sheath for the cable incorporating the strength of the steel component with the elongation of the jacketing comp
2. Provides increased resistance to the damage during installation at high and low temperatures.
3. Reduces the possibility of kinking.
4. Prevents jacket shrink-back and fatigue failure at the splice case.



Description:

INDOGUARD ES8 plastic laminated SS tape consists of a low carbon, electrolytic ally chrome-coated steel foil coated on both sides with the copolymer of LDPE. The copolymer exhibits excellent adhesion to the metal substrate as well as low, linear low, medium, high density polyethylene as well as chlorinated polyethylene. The SS foil is annealed that gives it an excellent formability and fabrication characteristics.

INDOGUARD ES8 is available from 4 mm up to 120 mm wide, wound on coil ID of 100 mm, 150 mm, 200 mm, 300 mm and 400 mm or any other special ID. The maximum OD of the coil available would be 1450 mm. The product can be supplied also as a master roll of 500 mm width.

Typical Properties:

	Property	NOM. VALUE	UNIT
1	Thickness	0.125	mm
2	Width:	As per PO	mm
3	Tensile Strength:	> 550	MPa
4	% Elongation at break	> 40	%
5	Hardness	< 215	HV
CHEMICAL COMPOSITION			
1	Carbon	0.09	%
2	Manganese	8.00	%
3	Sulphur	<= 0.015	%
4	Phosphorous	<= 0.075	%
5	Silicon	<= 0.40	%
6	Nickel	>= 1.00	%
7	Chromium`	>= 15.00	%
8	Copper	>= 1.50	%
Core ID : 101/152			



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