

Description

- Corrosion protection coat in accordance with DIN 30672 and DIN EN 12068 for high corrosive strain.
- 2-layer tape with a stabilized polyethylene carrier film that is coated with a permanently flexible plastic composition on a butyl rubber basis on one side and available in various colors.
- Utilized as the outer taping in connection with ATIS Cableskin® base as the basic taping.



Polyethylene carrier film
Coextruded interlayer
Butyl rubber

Properties

- The butyl rubber mass of ATIS Cableskin® top and ATIS Cableskin® base fuses in the overlap area by cold shut to a closed, tubular, mechanically robust sheath which is practically impermeable to water vapor and oxygen. A coextruded interlayer insures permanent adhesion of the colored polyethylene carrier film on the butyl rubber mass.

Winding			Top layer	Test method
Colour	Carrier film		white, grey, black, red, blue	
	Butyl rubber,inside		black/grey	
Tape thickness	Total thickness	mm	≥ 0,5	ISO 4591 ASTM D-1000
	Carrier film	mm	ca. 0,3	
	Butyl rubber,inside	mm	ca. 0,2	
Elongation at break		%	>500	DIN EN 12068
Tensile strength at 23 °C		N/10 mm	>65	
Modulus at 10 % elongation		N/10 mm	50	
Dielectric strength		kV/mm	35	ASTM D 149
Water absorption at 23 °C after 1 day/30 days		%	≤ 0,1/≤ 0,4	ASTM D-570
Saponification value carrierfilm and adhesive		mg KOH / g	1,0	DIN EN 12068
Permeability to water vapour		g /m 2 □ 24 h	≤ 2 · 10 ⁻¹	DIN 53122
Permeability to oxygen			≤ 10 ⁻⁴	DIN 53536
Brittleness temperature		°C	-46 ± 4	DIN 53372
			-58 ± 4	GOST10354
Continuous operating temperature		°C	-60 °C to 50 °C	
Max. temperature without mechanical load		°C	85 °C	

Processing

- ATIS Cableskin® top is directly applied on top of ATIS Cableskin® base.
- The surface must be dry and clean.
- The taping can be carried out by hand or automatically with a 50 % overlap.

Processing temperatures

Environment: -20 to +70 °C
Surface of ATIS Cableskin® base: -10 to +70 °C, above dew point
ATIS Cableskin® top: -10 to +40 °C

Manufacturer

DENSO GmbH, Leverkusen

Form of delivery and packaging

3 rolls, 50 mm broad, 150 m per box 35 x 35 x 16 cm
Weight: 12 kg gross

Available width: 20 mm - 150 mm