

TECHNICAL DATASHEET

Vidseal
End protection finishing shrink tape

No.vds 3.85

Description

Vidsealno vcls3.85 is a thermo shrinkable end protection tape, processed using closely and neatly woven fabric with blend of polyster fiber in warp direction and glass fiber in weft direction impregnated on both sides with specially treated resin laminated with polyster film on one side. Vcis 3.85 can be supplied with and without zinc naphthanate for epoxy anhydrite system. Vidseal vds series can also be supplied with higher resin content also on special request

Features

- Polyster FiJn:1on One side
- Protection Tape For Vpi
- Very Flexible
- Economical
- For high voltage application

Application

Vidseal Vds 3.85 is used as end winding tape as final layer in overhangs of low and high voltage electrical coils processed using Vaccum Pressure Impregnation (Vpi) insulation system. Vds 3.85 will shrink under temperature' and protect the overhangs against stress.

Properties

Properties	Unit	Vidseal 3.85
Thickness	mm	0.085mm+/- 0.015
Substance Glass polyster fabric	g/sqm	34+/-3

Resin content	g/sqm	25+/-5
Polyster film	g/sqm	26+/-2
Total weight	g/sqm	85+/-10
Tensile srength	n/cm	60
Elongation md	%	>15
Breakdown voltage	kv	>4
Shrinkage MD	%	< 1.5 At 70 Degree C for 2 hours < 8 At 125 Degree C for 2 hours
Thermal class		155
Colour		light red brown
Test Method:		IEC 371-2

Processing Advise

Vds 3.85 is thermo shrink tape should be applied half lapped by hand or taping machine. The polyster film should face outside when applied, Vds 3.85 will shrink when applied at low temperature. The curing temperature depends upon the Vpi resin in use.

Availability

Tape form: 10mm +/-0.5mm onwards length:50 mtrs

Storage

V ds 3.85' should be taped in dust free space
At 20 Degree C 12 Month
At 5 Degree C 24 Month

DISCLAIMER

All information, recommendations and test data herein are offered only as a guide. We believe them to be accurate but do not guarantee results, freedom from patent infringement, suitability of this product for any resultant application