

POLYESTER GLASS THERMO-SEALING TAPE

Product

RDs poly-glass thermo-sealing tape consists of polyester-glass fabric combined with a heat shrinkable polyester film bonded with a suitable high temperature resin. This tape during the curing process will shrink under temperature and prevent the resin from draining out besides giving the mainwall insulation of the overhang considerable amount of pressure for sealing.

Application

Used as final layer above porous tapes in the production of VPI insulation windings to protect overhang part of low and high voltage coils and bars against ambient stress.

Technical Data

Properties	Values	Testing Method
Nominal Thickness	0.09 mm	DIN 0863
Thickness Tolerance	± 0.01 mm	DIN 0863
Total Substance	86 ± 10 GSM	IS 5351
Poly-Glass Fabric	25 ± 3 GSM	IS 5351
Polyester Film	27 ± 2 GSM	IS 5351
Resin Content	34 ± 4 GSM	IS 5351
Tensile Strength	>= 60 N/cm	DIN 53455
Elongation	>= 20%	DIN 53455
BDV	>= 3 Kv	IEC 60243-1
Shrinkage after 2 hrs at 120 Deg C	>= 8%	IS 5351

Finish

Tapes/Rolls are tightly rolled and have smooth and clean edges.

Shelf Life

6 months from the date of manufacture stored at below 20 Deg C

Packing

Tapes/Rolls are supplied in rolls on plastic cores tightly wrapped with the polyester film facing outside. Rolls are thereafter packed in sealed wrappers and supplied in wooden boxes to prevent any damage during transit or storage.

Disclaimer: The above is a typical product data sheet for reference purpose only and not intended for specification purpose.

