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HYPERSEAL® XFTM
Resin Rich Sealing Tape

DESCRIPTION

Hyperseal® XFTM is a resin rich sealing tape consisting of non-woven polyester yarns, which have a long fibre length and have been selected to give the tape high conformability and stretch, whilst retaining an acceptable tensile strength.

The epoxy resin system provides excellent bond to compatible surfaces and has been specially selected to provide good flow during cure, with a tough, moisture proof seal which retains a high degree of flexibility.

APPLICATIONS

Hyperseal® XFTM is intended for use as a sealing tape on rotating machine end windings, coil connections and joints, and is particularly suitable for application in deep sided field coils and/or where conformability to difficult shapes is required.

TYPICAL PROPERTIES

Base fabric	Non-woven polyester mat
Base substance	50 g/m^2
base thickness	0.13 mm
Resin pick-up	375%
Total thickness	0.30 mm
Thermal class, IEC 60085	155°C (Class F)
Maximum short-term temperature	180°C (Class H)
Tensile strength	3 N/mm
Elongation at break	45%
Elongation at 2 N/mm	25%
Shrinkage at 150°C	2%
Cure time at 150°C	6 hours
Chemical resistance, cured	Unaffected by hot & cold water, weak acids, alkalis, brine solution, transformer & lubricating oils, common insulating varnishes & resins
Shelf life, 50% relative humidity	6 months @ 5°C
	3 months @ 20°C

SUPPLY PARAMETERS

Standard widths	20mm - 700mm
Standard roll length	25 metres, others on request
Standard core	55mm plastic, others on request
Interleaving	Blue polythene as standard (must be removed)