

POLYGLASS® is a tape composed of Type "E " continuous filament fiberglass yarn, unidirectional, not calcined filament, impregnated with thermal-enduring polyester resin modified at polymerization stage "B". Resistant to high tension, flexible, malleability and easy to apply, it reduces dielectric losses and risks of discharge, with high resistance to corrosion.

Thermal Class 180 (H).

APPLICATION

Armature bandage making rotating equipment coils generally for fixing against centrifugal force.

Banding transformer cores

Electrical insulation and corrosion protection and motor cores, generators and transformers.

TECHNICAL CHARACTERISTICS								
PROPERTIES	UNIT	STANDARD	SPECIFICATION					
TYPE	--	--	C-10	C-13	C-20	C-25	C-50	C-60
Thickness	mm	ISO 4603	0.30±0.02	0.30±0.02	0.30±0.02	0.30±0.02	0.30±0.02	0.30±0.02
Width	mm	--	10±2	13±2	20±2	25±2	50±2	60±2
Yarns number	yarns	ASTM D-902	28±2	35±2	58±4	70±4	137±4	165±4
Binder content	%	ASTM D2408-6.2.2	28±2	28±2	28±2	28±2	28±2	28±2
Volatile content	%	ASTM D2369-A	Max.0.8	Max.0.8	Max.0.8	Max.0.8	Max.0.8	Max.0.8
Total Weight	g/m	ISO 1887	6.6±0.5	6.6±0.5	11.6±1	14.5±1	27±2	32±2
Tensile Strength	Kgf/cm	ASTM D638	Min.200	Min.200	Min.200	Min.200	Min.200	Min.200

STANDARD DIMENSIONS

Length: 100 / 200 m (± 5 m)

Spool: 1000 m (± 10 m)

Sleeve: Øi 70 mm

Another dimensions, consult our commercial department.

PACKAGING

Plastic Bag (Packed Individually).

STORAGE

Store in cold chamber (10 to 15°C).

SHELF LIFE

Stored in conditions above mentioned, shelf life is 12 months.

Note: The properties above mentioned were determined in laboratory tests according to the indicated standards, with standard test specimen. Because they are medium values, they may according to specific applications and are not valid as parameter for projects. We reserve the right to introduce additional changes to the Technical Characteristics schedule. We accept no responsibility or liability in relation to this information.

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