

TAPES

TK, TV, TPNR

Standards*

- Compliant with directive RoHS 2011/65/EU
- NF G 39-003 (05-1996) : TK
- NF EN 60684 - 1 (10-2003) : TV and TPNR
- NF EN 60684 - 2 (01-1998) : TV and TPNR

Composition

- TK : Braided or woven Kevlar tape
- TV : Woven E glass fiber tape
- TPNR : Polyester tape non shrinkable

Applications



Characteristics

CHARACTERISTICS	Temperature class	Minimum temperature	Maximum temperature	Peaks at	Dielectric strength	Flammability	Mechanical resistance	Resistance to abrasion	Resistance to traction	Resistance to chemical attack of fuels, lubricants, detergents and salt water
UNIT		°C	°C	°C	kV					
TK	C	-60	250	330	0.4	Self-extinguishing	Very good	Excellent	Very good	Excellent
TV	C	-60	450	750	-	Self-extinguishing	Good	-	-	Good
TPNR	F	-30	155	185	0.8	Non flammable	Good	-	-	-

CHARACTERISTICS	Resistance to transformer oils	Behaviour with soldering iron	Compatibility with impregnation varnishes from same class of temperature	Flexibility	Watertight	Colour	Manufactured width	Standard packaging
UNIT							mm	Bobbins
TK	-	Good	Good	Good	No	Yellow	2 to 20	2 to 14 mm : 500 m 20 mm : 200 m
TV	Pass test according to UTEC 93641	Good	Good	Good	No	White	5 to 200	50 to 1000 m depends on wall thickness
TPNR	Pass test according to UTEC 93641	-	Good	Good	No	White	4 to 20	4 to 14 mm : 500 m 20 mm : 200 m

Width (mm)	2	4	6	8	10	12	14	20
Tolerance / width (± mm)	1	1	1	1	1	1.5	1.5	1.5
Wall thickness (mm)	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.5
Tolerance / wall thickness (± mm)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

*Our products pass all or parts of requirements for the above-mentioned standards. The technical information written on our datasheets correspond to the most recent knowledges we have on those products, but the user is not exempted to verify the performances in the real particular context of application.

