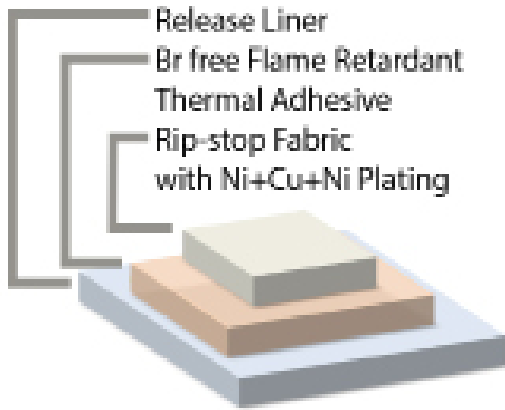




TGJEAFNCAR

Woven Electrically and Thermally Conductive Tape

Version 2.090218



Woven Electrically and Thermally Conductive Tape

TGJEAFNCAR is a woven electrically and thermally conductive tape which provides grounding and shielding characteristics. This tape can also be used to replace screws and mechanical fasteners.

Features

- Ease of use in automated manufacturing processes
- Can be supplied as rolls or custom die-cuts
- Can be used to replace mechanical fasteners
- Excellent handling characteristics
- Low electrical resistance/good conductivity for increased shielding effectiveness.

Applications

- Connecting, bonding and grounding circuits
- EMI gaskets
- Static dissipation

Properties

- ✓ REACH Compliant
- ✓ ROHS Compliant

Property		TGJEAFNCAR	Unit	Tolerance	Test Method
Thickness		0.11	mm	±0.01	Digital Upright Gauge
Weight		132	g/m ²	±3	-
Density	Warp	144	-	±5	ASTM D3775
	Weft	130		±5	
Breaking Strength	Warp	479	N	±10	ASTM D5034
	Weft	391		±10	
Elongation	Warp	31.0	%	±5	-
	Weft	30.2		±5	
Surface Resistance		<0.1	Ω/in ²	-	MIL DTL 83528C
Width		1060	mm	-	-
Max. Short Duration Temperature		210	°C	-	JIS L849
Shielding Effectiveness (30MHz to 1GHz)		80-65	dB	-	ASTM D4435-89
Shelf Life (can be requalified for further 12)		12	months	-	-

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