

Conductive Fabric



Material Reference: NF32B050A21

P & P Technology material reference NF32B050A21 is a metalised conductive fabric designed for use in EMC shielding and in the manufacture of conductive EMC gaskets.

The material is a rip-stop weave and meets UL94 flame class V0 reference E255577.

NF32B050A21 can be supplied with self-adhesive backing, temperature melt adhesive or no adhesive.

Physical Properties

Material	Nylon/PET/Cu+Ni
Thickness	0.12mm \pm 0.02mm
Width	1450mm \pm 5mm
Surface Resistivity	<0.05 Ω /sq. (ASTM-F390)
Abrasion Test	500,000 cycles (ASTM-D4966)

Shielding effectiveness (ASTM-D4935-99) dB:

10MHz	82dB
3GHz	68dB

The above material is flexible and may be easily wrapped to form a compressible gasket. It is also suitable for die cutting.

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