

P & P Technology NF32B050A21 Nylon/PET/Cu+Ni Conductive Fabric

Category : Metal , Nonferrous Metal , Copper Alloy , Nickel Alloy , Polymer , Thermoplastic , Nylon , Polyester, TP , Polyethylene Terephthalate (PET)

Material Notes:

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. Information provided by P & P Technology

Order this product through the following link:

http://www.lookpolymers.com/polymer_P-P-Technology-NF32B050A21-NylonPETCuNi-Conductive-Fabric.php

Physical Properties	Metric	English	Comments
Thickness	100 - 140 microns	3.94 - 5.51 mil	

Mechanical Properties	Metric	English	Comments
Abrasion	500000	500000	[cycles]; ASTM D4966

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.050 ohm	<= 0.050 ohm	ASTM F390
Shielding Effectiveness	68 dB	68 dB	ASTM D4935-99
	@Frequency 3.00e+9 Hz	@Frequency 3.00e+9 Hz	
	82 dB	82 dB	ASTM D4935-99
	@Frequency 1.00e+7 Hz	@Frequency 1.00e+7 Hz	

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