

FLECTION™ NI/CU CONDUCTIVE FABRIC

Flectron™ Nickel/Copper Conductive Fabric is a unique fabric, manufactured using a patented, proprietary technology. This technology combines highly conductive copper and corrosion resistant nickel with the lightweight, flexibility, conformability, strength and uniform appearance of a woven.

Flectron™ conductive fabric offers excellent surface conductivity, shielding effectiveness, and reflectivity for a variety of applications.

Fabric Name	Nominal Thickness	Base Fabric	Base Weight (g/m ²)	Thickness (mm)	Surface Resistivity (Ohm/sq)
3027-235P PNW	0.40mm	PNW, polyester non-woven	110 - 150	0.36 - 0.46	<0.07
3070-500 Mesh	0.17mm	Mesh, polyester mesh	56 - 62	0.16 - 0.20	<0.07
3050-525 NRS	0.11mm	NRS, nylon ripstop	83 - 95	0.10 - 0.12	<0.07
3035-535 PTAF	0.10mm	PTAF, polyester taffeta	92 - 98	0.09 - 0.11	<0.07
773 Fabric	0.10mm		82 - 94	0.09 - 0.105	<0.04
785 Fabric	0.085mm		85 - 96	0.07 - 0.09	<0.04
750 Fabric	0.055mm		52 - 60	0.045 - 0.06	<0.04
748 Fabric	0.035mm		41 - 49	0.03 - 0.04	<0.04
720 Fabric	0.025mm		22 - 29	0.017 - 0.023	<0.06
285 Black Fabric	0.085mm		85 - 94	0.07 - 0.09	<0.07
203 Black Fabric	0.095mm		87 - 95	0.085 - 0.100	<0.1
205 Black Fabric	0.085mm	82 - 92	0.08 - 0.092	<0.13	
250 Black Fabric	0.055mm	57 - 68	0.045 - 0.06	<0.06	
249 Black Fabric	0.035mm	48 - 58	0.03 - 0.04	<0.07	

Note : All the fabrics listed above are nickel copper plated.

SHELF LIFE

1 year from date of shipment in sealed bag under 0 - 40°C. No humidity control is required.

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