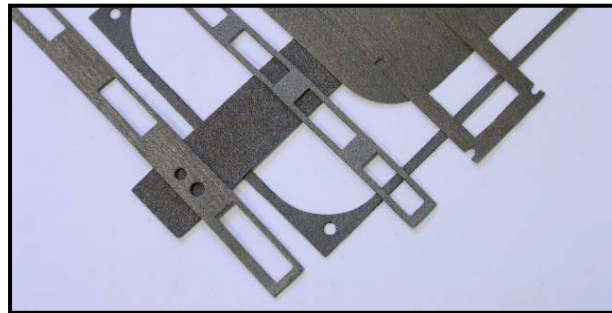
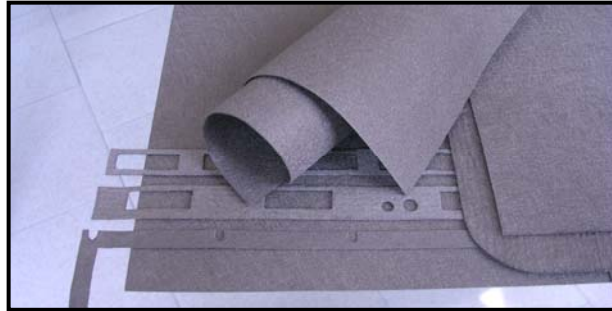




*From Italy,  
For the World*



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- ⇒ Conductive NoN-Woven textile appears as compact felt, characterised by a less volumetric resistivity and competitive price with respect to other materials, above all for medium/great (>5.000 pieces).
- ⇒ Such materials can be supply as semi-finished in rolls or various height and length spools for following customer machining or punching on drawing.
- ⇒ Their use is recommended when it take a good Shielding Performance, electrostatic discharges protections or grounding, without particular environmental requirements.
- ⇒ Typical applications are: cable flanges, panel or plate connectors, permanent closings on cabinets and easy to apply for shielding rooms.



CONDUCTIVE NoN-WOVEN



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PHYSICAL PROPERTIES	NW.3	NW.4	NW.7	NW.10
CARRIER MATERIAL	PET 100%	PET 100%	PET 100%	PET 100%
METAL	Ni + Cu	Ni + Cu	Ni + Cu	Ni + Cu
COLOUR	light grey	grey	light grey	light grey
THICKNESS	0,3 mm	0,4 mm	0,7 mm	1 mm
WEIGHT	150 g/m <sup>2</sup>	235 g/m <sup>2</sup>	385 g/m <sup>2</sup>	535 g/m <sup>2</sup>
AMOUNT OF METAL	20 - 25 g/m <sup>2</sup>	25 - 30 g/m <sup>2</sup>	45 - 55 g/m <sup>2</sup>	65 - 80 g/m <sup>2</sup>
MAX SHORT DURATION TEMP	125°C	185°C	125°C	125°C
CONDUCTIVE ADHESIVE	NO/ONE/BOTH SIDE	NO/ONE/BOTH SIDE	NO/ONE/BOTH SIDE	NO/ONE/BOTH SIDE

MECHANICAL PROPERTIES	NW.3	NW.4	NW.7	NW.10
TENSILE STRENGTH	2-4 Kg/cm	4-6 Kg/cm	6-10 Kg/cm	9-13 Kg/cm
WARP-WEFT	±10%	±10%	±10%	±10%
ELONGATION WARP-WEFT	3-4%	3-4%	2-3%	1-2%

ELECTRICAL PROPERTIES	NW.3	NW.4	NW.7	NW.10
SURFACE RESISTIVITY	< 0,09 Ω/sq	< 0,08 Ω/sq	< 0,07 Ω/sq	< 0,06 Ω/sq
SHIELDING PERFORMANCE @ 1GH	> 60dB	> 70dB	> 80dB	> 90dB

