



*From Italy,
For the World*



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CONDUCTIVE FOAM

- ⇒ Conductive urethanes are made by three layers, PET + PU + PET, heat sealed between them and made conductive through chemical-galvanic bath (Cu+Ni).
- ⇒ Able to realize punching gaskets for flanges and connectors, are also particularly suitable to realize Shielding cell.





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TECHNICAL CHARACTERISTICS	
CARRIER MATERIAL:	PET + PU
METAL:	Cu + Ni
COLOUR:	Silver grey
THICKNESS:	3.4 mm
WEIGHT:	316 g/m ²
MAX SHORT DURATION TEMP.:	70°C
SURFACE RESISTIVITY:	< 0.03 Ω/sq
VOLUME RESISTIVITY:	< 3.5 mΩ

PHYSICAL PROPERTIES	
WARP/WEFT - FIRST STAGE	
TENSILE STRENGTH:	16 / 6 (Kg/inch)
TEARING STRENGTH:	2.3 / 1.9 (Kg)
ELONGATION:	28 / 20 (%)
AFTER WET-HEATING TEST (60°C 90% 100h)	
TENSILE STRENGTH:	15 / 5 (Kg/inch)
TEARING STRENGTH:	2.2 / 1.9 (Kg)
ELONGATION:	27 / 20 (%)

ENVIRONMENTAL RESISTIVITY	
SURFACE RESISTIVITY Ω/sq	
FIRST STAGE:	0.03 / 0.05
AFTER WET-HEATING (60°C 90% 100h)	0.04 / 0.06
AFTER WET-HEATING (60°C 90% 300h)	0.05 / 0.07
AFTER SALT-SPRAYING TEST (35°C 24h)	0.15 / 0.15

