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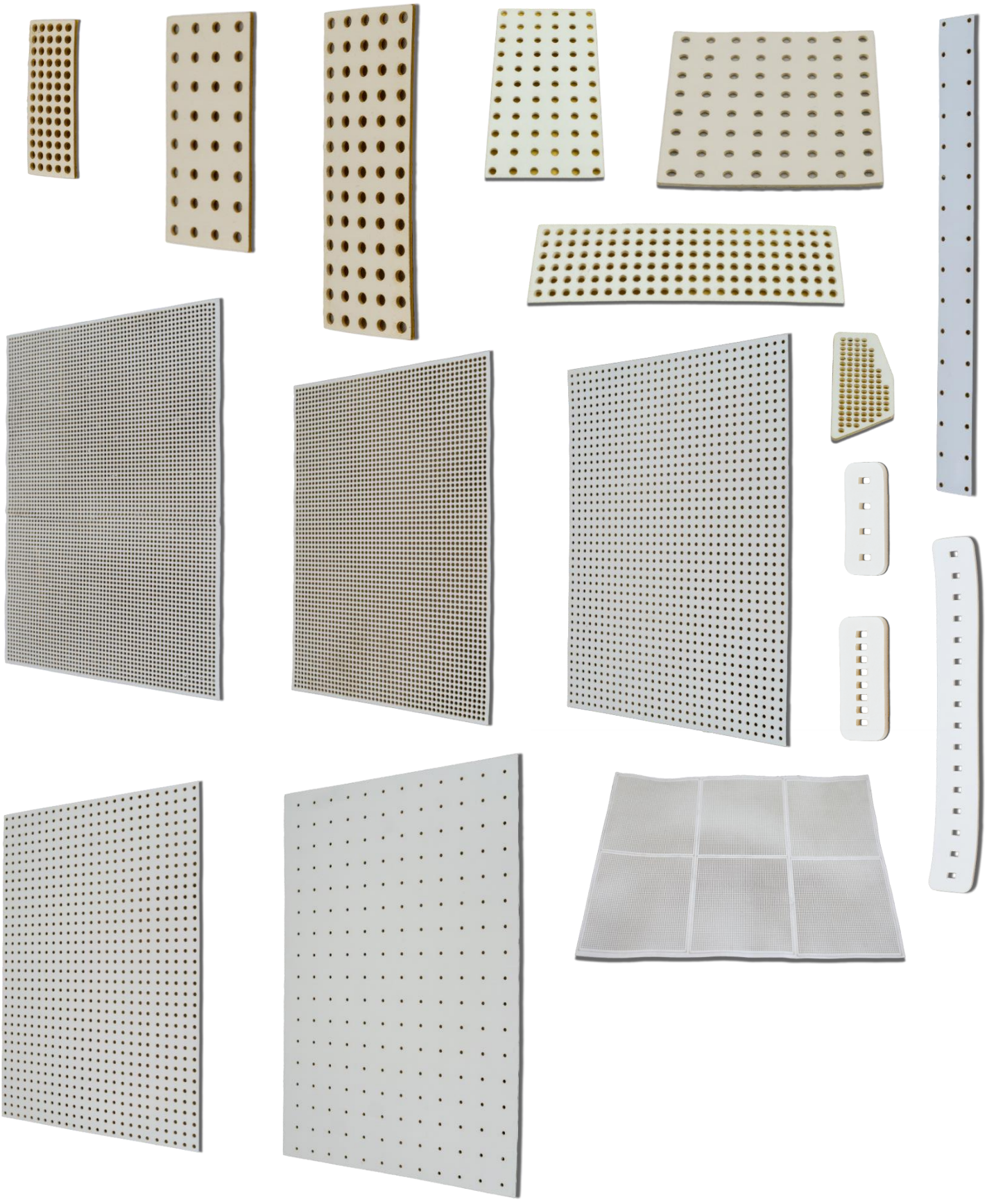
ADHESIVE SHEET

Version 1.2



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ADHESIVE SHEET

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OT Bioelettronica offers a set of double-sided adhesive foams for surface electromyographic acquisitions, certified for use in contact with intact skin according to ISO 10993-1.
Double-sided adhesive foams consist of 3 layers:

- 2 layers of 3M E1522: hypoallergenic, transparent backing, wide range of adhesion and tested to ISO 10993-1 for use in contact with intact skin for short-term applications (up to 29 days)
- 1 layer of 8919: closed cell polyethylene foam interposed between the two E1522 layers

The double-sided adhesive foams are laser drilled with variable inter-hole distance depending on the corresponding adhesive matrix model.
Use: remove the protective layer of the double-sided adhesive foam and apply on the matrix, fill the holes with conductive cream to create contact between the skin and the electrodes, then remove the second protective layer and apply on intact skin.

Description

OT Bioelettronica offers a double-layer adhesive medical sheet, for EMG acquisitions, to be interposed between the HD matrices and intact skin. The sheets are present in 21 different configurations with different IED interelectrode distance. The reduced thickness and adhesiveness guarantee optimal positioning and contact.

CND Z12100480

Materials

Medical layer (double layer)	
Tape	Double coated PE 0,16mm
Carrier	Trasparent PE 0,08mm
Adhesive	Acrylate designed for medical use
Industrial layer (middle layer)	
Tape	PE double coated 0,8mm
Carrier	Bi-siliconised paper
Adhesive	Acrylate
Packaging	
Envelope	Paper ATICELCA 501

Health

Biocompatibility *(UNI EN ISO 10993)*	Yes
Latex	No
Phthalates	No

Technical details

Generic code		FOAXXMMXXYY
Number of models		21
Models		
OT0317	FOA02MM5853	Sheet 340x250mm with IED 2mm
OT0300	FOA03MM1807	96 holes with IED 3mm, 18 x 7
OT0310	FOA03MM10475	Sheet 340x250mm with IED 3mm (no ph)
OT0214	FOA04MM1305	64 holes with IED 4mm, 13 x 5
OT0324	FOA04MM1606	96 holes with IED 4mm, 16 x 6 (no ph)
OT0284	FOA04MM2206	128 holes with IED 4mm, 22 x 6
OT0220	FOA04MM8461	Sheet 340x250mm with IED 4mm
OT0253	FOA05MM0108	8 holes with IED 5mm, 1 x 8
OT0331	FOA05MM3201	32 holes with IED 5mm, 32 x 1 (no ph)
OT0219	FOA05MM6749	Sheet 340x250mm with IED 5mm
OT0285	FOA08MM1106	64 holes with IED 8mm, 11 x 6
OT0213	FOA08MM1305	64 holes with IED 8mm, 13 x 5
OT0323	FOA08MM1606	96 holes with IED 8mm, 16 x 6 (no ph)
OT0218	FOA08MM4231	Sheet 340x250mm with IED 8mm
OT0254	FOA10MM0104	4 holes with IED 10mm, 1 x 4
OT0252	FOA10MM0116	16 holes with IED 10mm, 1 x 16
OT0215	FOA10MM0804	32 holes with IED 10mm, 8 x 4
OT0212	FOA10MM0808	64 holes with IED 10mm, 8 x 8
OT0217	FOA10MM3425	Sheet 340x250mm with IED 10mm
OT0216	FOA20MM1602	32 holes with IED 20mm, 16 x 2
OT0221	FOA20MM1712	Sheet 340x250mm with IED 20mm