

ELPACTO[®] TRC Conductive Foam

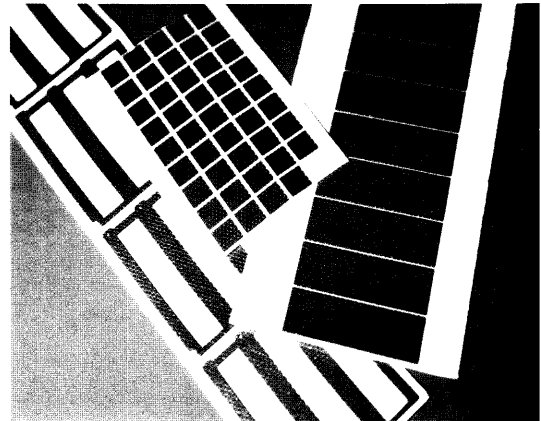
Glossary

TRC conductive foam is made from plated polyolefin foam with holes on the surface. Numerous plated holes give excellent conductivity not only surface but also top & bottom.

Also, inherent flexible foam property offer excellent shock absorption and vibration damping property.

All kinds of custom fabrications are available and

Comes with electrical conductive adhesive at the bottom.



Specification

ITEM		TRC-0.3	TRC-0.5	TRC-0.7	TRC-1.0
Width(mm)		1020 ±20	1020 ±20	1020 ±20	1020 ±20
Weight(g/m ²)		116.5 ± 10	161.4 ± 10	173.2 ± 10	183.5 ± 10
Thickness(mm)		0.3 ±0.1	0.5 ± 0.1	0.7 ±0.1	1.0 ±0.1
Breaking	warp	136.3 ± 10	115.3 ± 10	87.5 ± 10	67.5 ± 10
(kgf/cm ²)	weft	79.06 ± 10	61.08 ± 10	41.32 ± 10	33.79 ± 10
Elongation	warp	25.61 ± 10	26.63 ± 10	27.63 ± 10	33.4 ± 10
(%)	weft	30.0 ± 10	32.10 ± 10	34.2 ± 10	36.5 ± 10
Surface resistance(Ω)	less than	0.008	0.008	0.008	0.008
Top-bottom resistance(Ω)	less than	0.03	0.03	0.03	0.03
Shielding	100MHz	65	65	65	65
Effectiveness	1GHz	62	62	62	62
(dB)	15GHz	65	65	65	65

Application

- Display part & speaker hole of Mobile phone
- LED, LCD, PDP TV frame
- Shielding for electronics casings & frames
- EMI countermeasures for PC and etc.
- modern monitor connection (DVI, HDMI and Display port)
- D-Sub connectors

Shielding Effectiveness Graph

