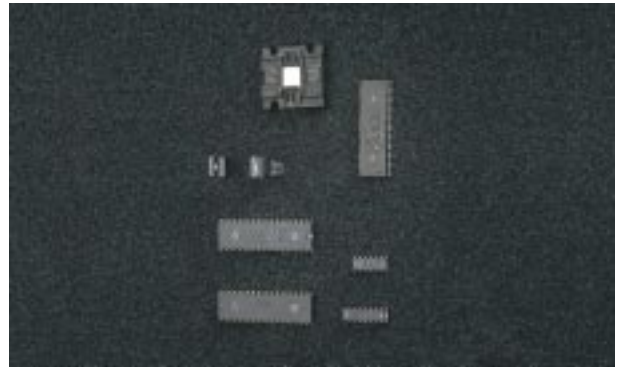


PE - Foam

(Part No.: 4550.x)

- Static dissipative
- Complies with EN 61340-5-1
- Cross linked, closed cells
- Abrasion resistant, non corrosive
- Hard version
- Colour: Black



Physical properties:

	Standard	Typical values
Density	DIN 53420	46 kg/m ³
Tensile strength	DIN 53571	0,38 N/mm ²
Elongation	DIN 53571	68 %
Compressive strength	DIN 53577	at 25% bending: 38 kPa
Temperature range	Internal test	up to + 90° C
Corrosion test	Internal test	no corrosion for gold, alu, IC pins
Thickness		3 mm - one side with or without skin
		6 mm - one side with skin
		10 mm - both sides with skin

Electrical properties:

	Test Standard	Typical values	Requirements
Surface resistance R _S (Skin side)	EN 61340-5-1 EN 61340-2-3	10 ⁵ – 10 ⁶ Ω	10 ⁵ ≤ R _S ≤ 10 ¹¹ Ω EN 61340-5-1
Surface resistance R _S (Non-skin side)	EN 61340-5-1 EN 61340-2-3	10 ⁷ – 10 ⁸ Ω	10 ⁵ ≤ R _S ≤ 10 ¹¹ Ω EN 61340-5-1
Volume resistance R _V	EN 61340-2-3	10 ⁵ - 10 ⁷ Ω	10 ⁵ ≤ R _S ≤ 10 ¹¹ Ω EN 61340-5-1

Properties	Advantage
Permanent electrical properties	- electrical properties independent of relative humidity - electrical properties not altered by ageing - electrical properties not altered by wet cleaning
Cross linked, closed cells	- very good mechanical properties - corrosion free - elastic, not brittle - low absorption of water
Good handling properties	- easy handling, cutting, punching etc. - can be vacuum formed and laminated