



3M™ EMI Absorber AB5000HF Series

3M™ EMI Absorbers AB5000HF Series are halogen free* and consists of flexible soft metal flakes filler loaded polymer resin and acrylic non-conductive pressure sensitive adhesive.

Features and Benefits

- Supplied on a removable liner for easy handling and die-cutting
- Non-conductive acrylics adhesive
- Halogen Free*

TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

EMI Absorber AB5000HF Series

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Type of Backing		-	Polymeric resin with magnetic metal flake filler
Type of Adhesive		-	Acrylic non-conductive pressure sensitive adhesive (PSA)
Thickness AB5010HF AB5020HF AB5030HF AB5050HF AB5100HF		mm	0.10 0.20 0.30 0.50 1.00
Standard Packaging AB5010HF AB5020HF AB5030HF AB5050HF AB5100HF		mm x M	210 × 15 300 × 15 210 × 15 210 × 15 210 × 10
Temperature Range		°C	-25 to 85
Surface Resistivity	ASTM D257	Ω	1 × 10 ⁶
Thermal Conductivity		w/mk	0.7
Tensile Strength	JIS K 6521	mpa	6.0
Attenuation (S11 Reflection Loss) and Power Loss		-	*Refer to chart on 3M website for attenuation and power loss information