



3M™ EMI Absorber AB7000HF Series

3M™ EMI Absorber AB7000HF Series (Halogen Free)* consists of flexible soft metal flakes filler loaded polymer resin and acrylic pressure sensitive adhesive. 3M absorber AB7000HF series includes product numbers AB7003HF, AB7005HF, AB7010HF, AB7020HF, AB7030HF and AB7050HF, which are available in sheet form.

Features and Benefits:

- High permeability magnetic film
- Acrylic pressure sensitive adhesive
- Supplied on a removable liner for easy handling and die-cutting

TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

EMI Absorber AB7000HF Series

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Type of Backing		-	Polymeric resin with magnetic flake filler
Type of Adhesive		-	Acrylic non-conductive pressure sensitive adhesive (PSA)
Thickness		mm	5.2, 14, 22
Standard Packaging		mm	210 × 297
Tempurature Range		°C	-25 to 85
Surface Resistivity	ASTM	Ω	1 ×10 ⁶
Initial Permability	1MHz 3M TM K RD-EMC-AB-02	-	110
Typical Performance		-	*Refer to Power loss chart on 3M website for typical performance metrics