



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Flux Field Directional Material EM15TP

Preliminary technical data

April, 2014

Product Description: 3M™ Flux Field Directional Material FFDM is a soft magnetic composite material.

The key features of the 3M™ FFDM EM15TP includes:

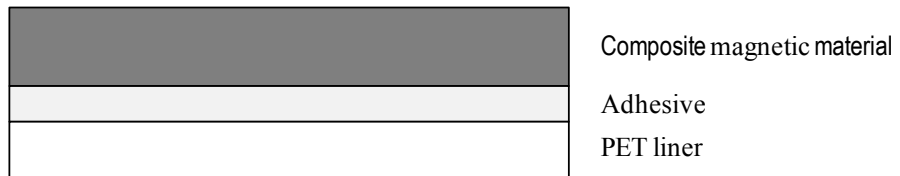
- High Permeability magnetic material
- Flexible composite material

The 3M™ FFDM EM15TP is useful for many applications where the manipulation of a flux field is desired. Typical applications include:

- Wireless power charge device
- Electro-magnetic induced input device
- Mobile electronic device
- General electronics

3M™ FFDM EM15TP is available in customized size.
(* Maximum size : 320 mm x 320 mm)

Product Construction:



Structure		EM15TP
Magnetic layer	Polymeric resin with magnetic fillers	100, 200, 300 μm
Adhesive Type	Acrylic	20 μm
PET Liner	PET film	36 μm
Total Thickness		120, 220, 320 μm

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Flux Field Directional Material

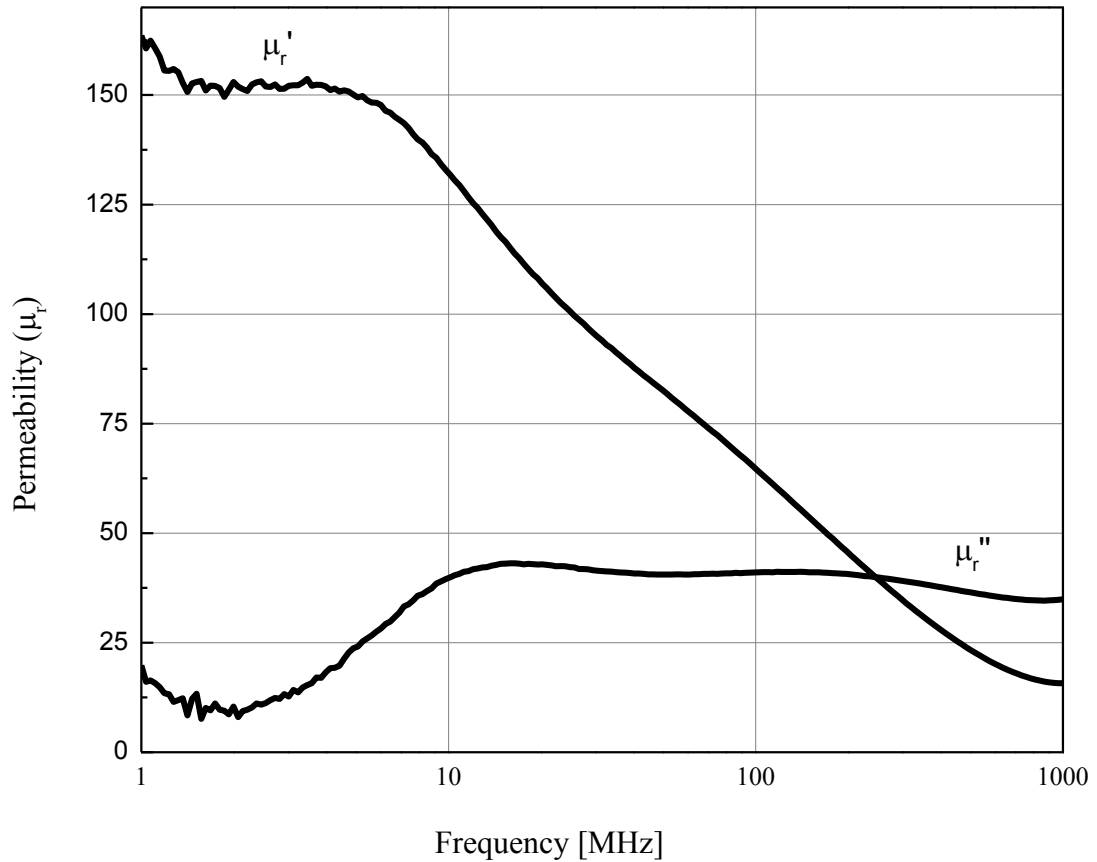
Typical
Properties :

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Product	EM15TP
Permeability at 3 MHz *	150
Surface Resistivity * (Top/Bottom Side)	Min $1 \times 10^5 \Omega$
Temperature Range	-25 ~ 90 °C

* These values are measured with a toroidal shaped soft magnetic layer material : 3M test method

Permeability





Flux Field Directional Material

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