



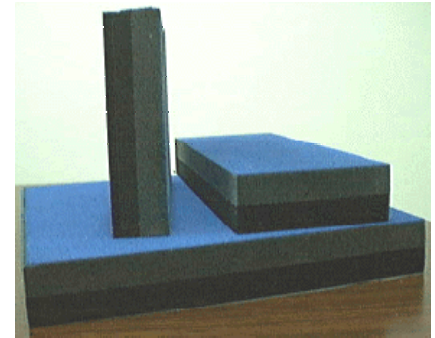
# Perseus Tech. International Corp.

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## Single/Multi-Layer Flat Foam Absorbers

### Description:

FTF (single layer) and FTM (multi-layer) are a series of solid, flat type foam absorbing materials made from bulk resistive polyurethane foam. It is well suited for use in shielding box, or inside of equipment that has EMI problem. The figure is multi-layer flat absorber at thickness 6cm. The surface color can be painted blue-gray or per customer required.



### Applications:

- Building material of satellite and handset base station, handset maintenance room for EMI solving.
- Shielding box,
- Electronic equipment

### FTF Typical Specification :

Part No.	Frequency	Thickness	Type	-dB(Max.)
FTF-03	>8GHz	0.3cm	Single -Layer	>10
FTF-04	>6GHz	0.4cm	Single -Layer	>10
FTF-05	>6GHz	0.5cm	Single -Layer	>10
FTF-06	>3GHz	0.6cm	Single -Layer	>10
FTF-10	>3GHz	1.0cm	Single -Layer	>15
FTF-20	>2GHz	2.0cm	Single -Layer	>20
FTF-30	>2GHz	3.0cm	Single -Layer	>25

### FTM Typical Specification :

Part No.	Frequency	Thickness	Type	-dB(Max.)
FTM-15	>3GHz	1.5cm	Multi-Layer	>15
FTM-20	>1GHz	2.0cm	Multi-Layer	>20
FTM-25	>1GHz	2.5cm	Multi-Layer	>20
FTM-30	>1GHz	3.0cm	Multi-Layer	>25
FTM-60	>1GHz	6.0cm	Multi-Layer	>30

### Physical Specification

Item	Description
1. Power Handling Capacity	200.0 V/m CW (or equivalent power density of 110 Watt/m <sup>2</sup> , 0.1 Watt/in <sup>2</sup> )
2. Fire Retardant	NRL 8093 Tests 1, 2 & 3, DIN 4102-B2 and UL 94
3. Maximum service temperature	90 ° C (190 ° F, continuous)