

MANUFACTURERS OF OPTOLITE CONTRAST ENHANCEMENT FILTERS | SHIELDED WINDOWS – INSTRUMENT GLASSES | POLARISING FILTERS

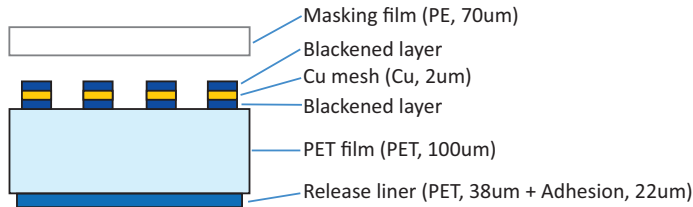
OPTOLITE™ EMISHIELD MICROMESH

Optolite EmiShield has been specially developed to give excellent shielding performance and offers unequalled light transmission and clarity. EmiShield has greater performance and clarity than ITO coated displays.

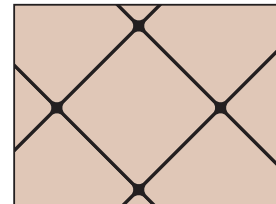
EmiShield is ideal for laminated glass and plastic windows.

A major advantage is that EmiShield removes the need for expensive busbars on stepped windows.

Structure



Micromesh



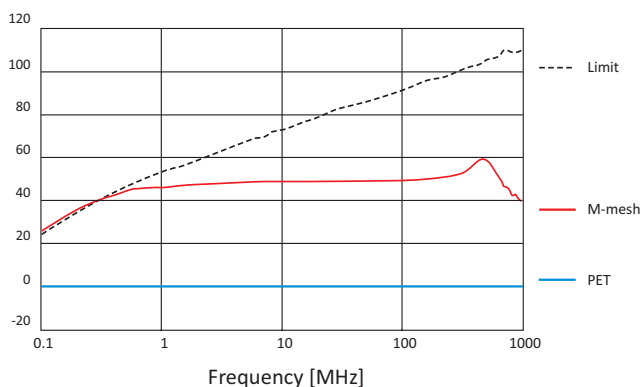
Basic Properties (Cu mesh alone)

Optical	CIE Lab	L*	93.69
		a*	-0.19
		b*	0.37
	TT	(%)	84.3
	Haze		2.3
Conductivity	10/300mesh	Ω/\square	0.32
	No Mesh	Ω/\square	0.01

Durability (Cu mesh + PET + Adhesion)

			0h	500h
		60°C, 90% RH		
Optical	CIE Lab	L*	93.69	93.78
		a*	-0.19	-0.15
		b*	0.37	0.5
	TT	(%)	84.3	84.2
	Haze		2.3	2.3
		80°C		
Optical	CIE Lab	L*	93.69	93.72
		a*	-0.19	-0.15
		b*	0.37	0.53
	TT	(%)	84.3	84.2
	Haze		2.3	2.3

Loss of electric field [dB]



Loss of magnetic field [dB]

