

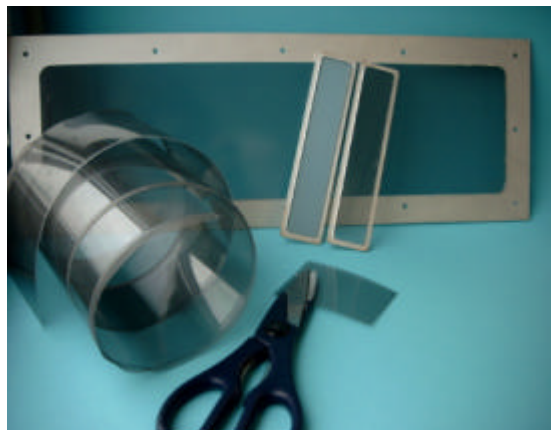
SELF ADHESIVE MESH FOIL 9000 SERIES

The most easy way to make yourselves transparent shielded windows

The in the foil fully integrated stainless steel mesh is protected with a scratch resistant layer and can be applied easy on glass, acrylic, plexus and polycarbonate glass. You can apply the self adhesive mesh foil by hand or laminator.

Depending on the mesh quality, it covers the range of **10 kHz ~ 30 GHz**. Thickness of the mesh 0.2 ~ 0.3 mm.

The foil can be delivered with a strip of the mesh in the length direction (flying mesh). Alternative with a conductive or non-conductive adhesive can be produced on the edges or a silver bush bar around.



Moreover, they can be processed in various forms available meshes: stainless steel, blackened copper, phosphor bronze (see table below). Also a termination with a water/EMI gasket is an option.

Material		<i>Stainless steel</i>				<i>Phosphor Bronze</i>		<i>Copper</i>	
Type (wires/inch)		70	80	100	250	100	250	70	100
Wire diameter (mm)		0.076	0.050	0.050	0.035	0.097	0.035	0.076	0.050
Nominal aperture (mm)		0.287	0.267	0.204	0.067	0.157	0.067	0.287	0.204
Light Transmission %		62.6	71	64.5	43.5	38.2	43.5	62.6	64.5
Field Type	Frequency	dB	dB	dB	dB	dB	dB	dB	dB
H	10 kHz	20	21	22	22	22	20	24	22
H	100 kHz	21	23	23	22	42	24	39	35
H	1000 kHz	30	33	29	37	61	40	58	54
E	1 MHz	90	104	101	114	120	120	105	111
E	10 MHz	89	86	75	91	110	97	100	99
E	100 MHz	69	75	68	78	96	91	86	95
P	1 GHz	66	60	64	75	79	87	66	72
P	10 GHz	33	32	35		46	60	34	39

Application

- Shielded Windows
- Displays
- Touch Screens
- Monitor and LCD Shielding
- Tempest Shielding

Holland Shielding Systems BV

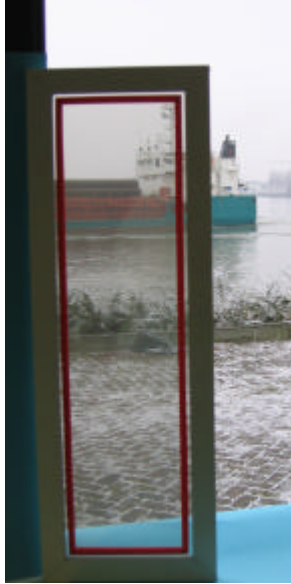
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Dimensions



100 dB Window

Size (mm)	Length (m)	Part Number			
		Standard mesh foil	Standard + self adhesive	Standard + scratch resistant layer	Standard + scratch resistant layer and self adhesive
10	5	90010	91010	92010	93010
20	5	90020	91020	92020	93020
30	5	90030	91030	92030	93030
40	5	90040	91040	92040	93040
50	5	90050	91050	92050	93050
100	2	90100	91100	92100	93100
200	2	90200	91200	92200	93200
1000	roll	901000	911000	921000	931000

Ordering Information

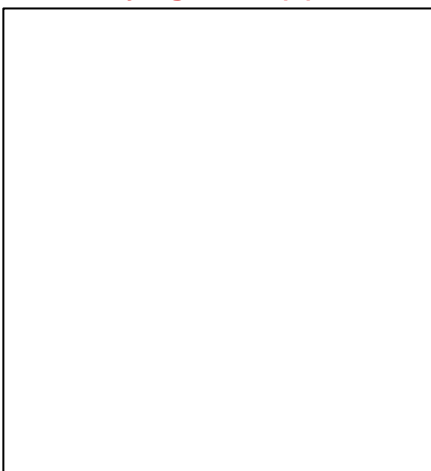
Please indicate size and part number

Please indicate with (B) or without Bush Bar ($\pm 3/4$ mm) or Flying Mesh (F)

Example

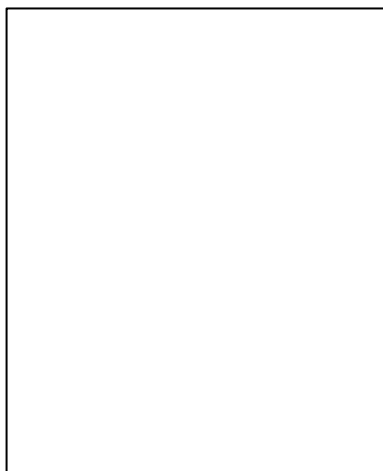
Standard mesh foil with scratch resistant layer, size 20 mm, length 5 m: 92020

Mesh Foil Sample With Flying Mesh (F) 100

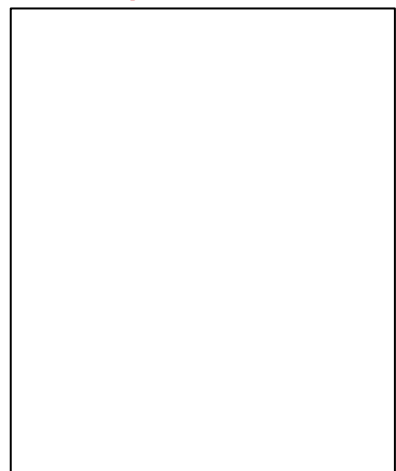


With Silver Bush Bar (B)

Mesh Foil Sample With Self adhesive 9100



Acrylic Window With Step and Bush Bar



For more information: www.hollandshielding.com
