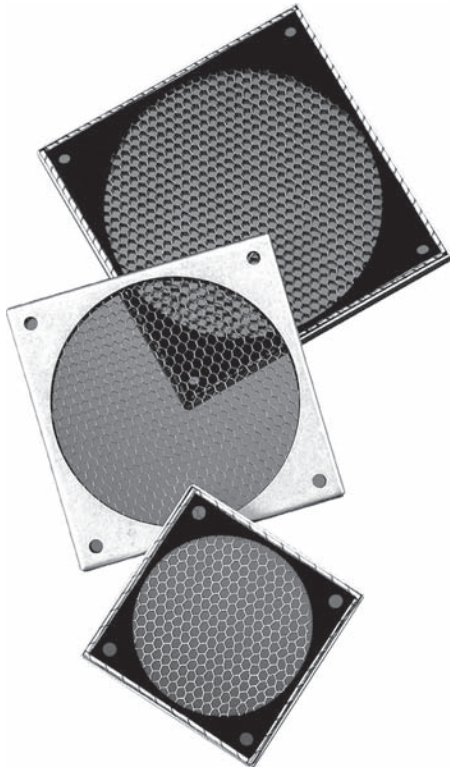


NEW Shielded Honeycomb Fan Filters



Spira's Shielded Fan Filters provide a high and reliable level of shielding at very cost effective and competitive prices. They include the "Spira Advantage" as described on page 25, using our patented honeycomb blending process and patented spiral Flexi-Shield gasket to provide exceptional EMI shielding and EM bond.

Fan Filter Part Number	Fan Size	A ±.030	B ±.010	C ±.015	D ±.015	F ±.020	G ±.020
HF-40mm-25	40mm	1.71	1.260	1.38	.150	.319	.345
HF-40mm-50	40mm	1.71	1.260	1.38	.150	.569	.595
HF-60mm-25	60mm	2.50	1.970	2.17	.170	.319	.345
HF-60mm-50	60mm	2.50	1.970	2.17	.170	.569	.595
HF-80mm-25	80mm	3.34	2.810	3.01	.170	.319	.345
HF-80mm-50	80mm	3.34	2.810	3.01	.170	.569	.595
HF-92mm-25	92mm	3.78	3.250	3.45	.170	.319	.345
HF-92mm-50	92mm	3.78	3.250	3.45	.170	.569	.595
HF-120mm-25	120mm	4.82	4.125	4.50	.170	.319	.345
HF-120mm-50	120mm	4.82	4.125	4.50	.170	.569	.595

Custom sizes are available on request. Contact us for more information.

Filter Sizes

Spira's Fan Filters are compatible with 40, 60, 80, 92 and 120mm fans or can be made in custom sizes on request.

Cell Size

The filters use 1/8" cell by 1/4" or 1/2" thick aluminum honeycomb panels.

Frame

The frame is made from chem-film plated 6061-T4 aluminum.

Spiral Material

The filters include a Flexi-Shield tin/lead plated beryllium copper gasket in standard force. RoHS compliant version is available on request.

Salt-Fog Option

A salt-fog version is available on request, and includes our Flexi-Shield edge tin/lead plated beryllium copper gasket. The honeycomb panel and frame are chem-film plated (or can be tin plated on request). RoHS compliant version is available on request.

Shielding Effectiveness

This graph illustrates that with the "Spira Advantage" our Fan Filters can provide up to 80dB of shielding at 1GHz!

This data is representative of the test data we have obtained. Your results will vary depending on the applicable variables.

