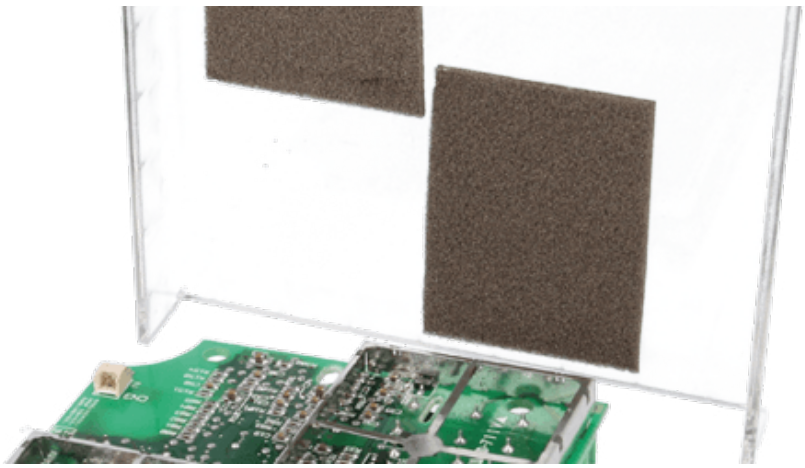
Compartment shield for PCBs



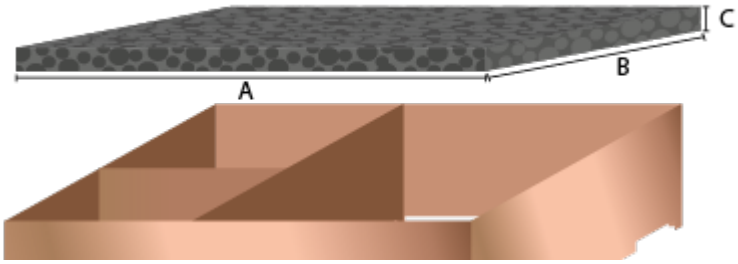
Compartment shielded foam for PCB's 1800

Developed to shield only a part of the printed circuit board

Compartment shield foam is a highly conductive foil laminated with a high-deflection, low closure-force foam layer. The housing itself is used to close the separations on the PCB. The high-deflection, low closure-force foam is also available combined with conductive fabrics or non-wovens. Please note that the compartment shield must make contact to ground.

Electromagnetic (EM) radiation can prevent a device from functioning correctly. This is called electromagnetic interference (EMI). Compartment shield 1800 series for PCB's was developed to shield only a part of the printed circuit board (PCB) from electromagnetic radiation at the source, rather than shielding all of the components or the entire housing/enclosure of the device against electromagnetic radiation.

Compartment shielding foam is available in the materials PU foam and neoprene foam with amucor foil or conductive textile. Whether it is for a small number of prototypes or large production, we will be happy to produce the precision components that you require.



Part numbers

Foam thickness	PU foam (max. 80 % compression) + Amucor foil	PU foam (max. 80 % compression) + Conductive textile	Neoprene foam (max. 50 % compression) + Amucor foil	Neoprene foam (max. 50 % compression) + Conductive textile
3 mm	1800-1-3	1800-2-3	1800-3-3	1800-4-3
4 mm	1800-1-4	1800-2-4	1800-3-4	1800-4-4
5 mm	1800-1-5	1800-2-5	1800-3-5	1800-4-5
6 mm	1800-1-6	1800-2-6	1800-3-6	1800-4-6
8 mm	1800-1-8	1800-2-8	1800-3-8	1800-4-8
10 mm	1800-1-10	1800-2-10	1800-3-10	1800-4-10
15 mm	1800-1-15	1800-2-15	1800-3-15	1800-4-15

Series	Foam code	Length A (mm)	Width B (mm)	Thickness C (mm)
1800	Select an option:			
	1 : PU Foam + Amucor foil	Please specify the length in mm	Please specify the width in mm	Please specify the thickness in mm
	2 : PU Foam + Conductive textile			
	3 : Neoprene Foam + Amucor foil			
	4 : Neoprene Foam + Conductive textile			

: The **red** blocks are required