

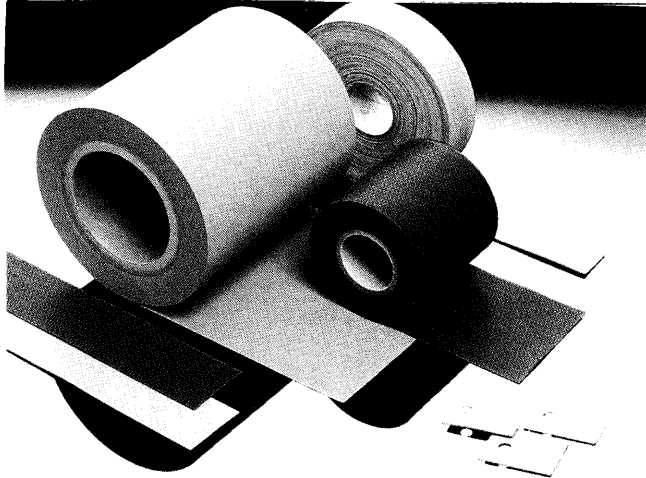


ELPACTO®

Abschirm- und Leitfolien

RFI/EMI Shielding & ESD Grounding Matrerials

By combining the inherrent silicone rubber properties of heat resistance, electrical stability in conductive forms and long-term aging, an unlimited number of application configurations are possible. Avery cost effective approach for conductive gaskets in multidimensional areas. Quick, economical tooling preparation. Same RFI/EMI shielding properties as our micro-gaskets up to 100dB at 1 GHz.



PART NUMBER NOMENCLATURE:

1 - 7HG - AD - S - 300 - 300

Length • Rolls • 50 meters max. (164 ft)
• Sheets • 310mm max. (12.20")

Width • 310 mm max. (12.20")

Roll • R
Sheet • S

Adhesive Backing Option

Material Type (see properties in chart below)

- 7HG • 7KB • 5KB
- 7HBG • 7KBC
- 7HGA • 6KB

Thickness - mm(in.) • 1(.035") • 2(.078") • 3(.118")

Property	Maesure	7HG	7HBG	7HGA	7KB	7KBC	6KB	5KB			
Application Recommended	type	RFI/EMI Shielding			RFI/EMI Shielding						
Color	visual	tan	gray	tan	black	black	black	Black			
Conductive Component	filler	silver	silver/ carbon	silver	carbon	carbon	carbon	carbon			
Hardness	Shore A	75	77	68	73	66	63	51			
Tensile Strength	p.s.i	529	557	200	958	715	858	758			
Enlogation	%	160	150	100	190	290	250	600			
Volume Resistivity	Ωcm	7.8x10 ⁻²	5.6x10 ⁻²	2.7x10 ⁻²	4	5	5	5			
Dimensions : thickness	mm	1.0, 2.0, 3.0 (.039", .078", .118") for all material types									
width	mm	310 (12.20") maximum for all material types									
sheet length	mm	310 (12.20") maximum for all material types									
roll length	m	n/a	n/a	60	60	60	60	60			

DIE-CUT SHIELDING GASKETS

Custom shapes and size for a wide range of common application. Uses the high performance conductive materials shown above in the „Conductive Rolls and Sheets“ information. Very cost-effective cross-reference alternative to foam laminates, embedded metal meshes, metal stamping and multi-component shielding and grounding assemblies.

APPLICATIONS :

- * I/O panels
- * PC Board shielding
- * Connectos
- * Enclosure components

PART NUMBER NOMENCLATURE :

3 - 7HG - AD - 1234

Your Custom Drawing Number

Adhesive Backing Option

Material Type (see propertie in chart above)

- 7HG • 7KB • 5KB
- 7HGA • 6KB

Thickness: 0,3 * 0,5 * 1,0 * 1,6 * 2,0 * 3,0mm

Our customer service engineers are always available to coordinate your specific custom requirements. Hand-cut samples are all that is necessary for your compliance testing. After that, die-cut tooling can be arranged on a cost-effective quick turnaround basis.