

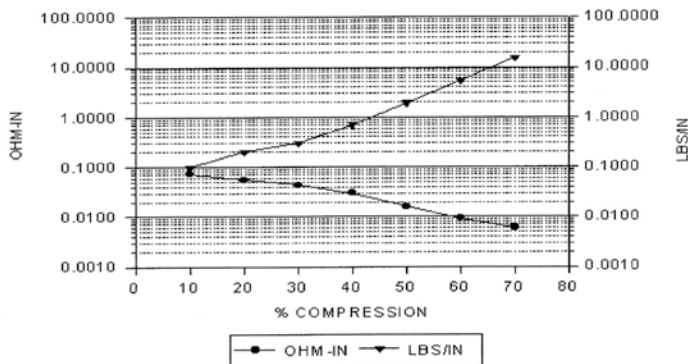
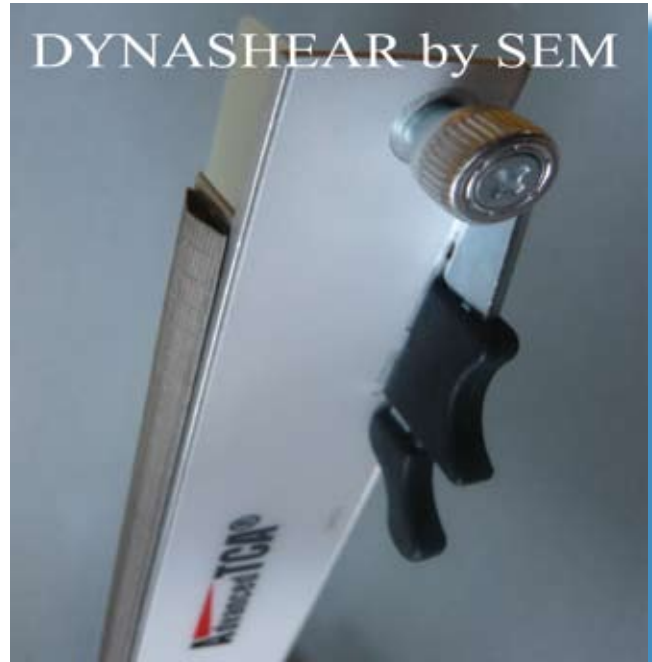
The Best Response to EMI Shielding for Card/Cage Applications

Schlegel Electronic Materials, SEM, continues their technical leadership in fabric-over-foam EMI shielding gaskets with the introduction of the DYNASHEAR™ gasket for card/cage applications.

Our worldwide SEM engineering team reviewed the mechanical constraints linked to the Blades/Shelf environment (VME, PCI, ATCA) to create a completely innovative EMI shielding gasket family able to offer superior features over metal fingerstock.

SEM's DYNASHEAR™ gaskets constructed with

- SEM's unique D-shape profiles
- Low memory ultra-soft foam
- Abrasion resistant conductive fabrics offers electronics designers the necessary edge for improved competitiveness.



Compression Load Deflection (CLD) for EJ9732Txxx

DYNASHEAR™ gaskets by SEM insures maximum shielding even at low compression by means of our unique D-shape design.



SEM's DYNASHEAR™ gaskets offer one of today's best ratios of compression vs. load due to it's ultra-soft open cell urethane foam. Ideal when cummulative tolerances decrease the gap between modules and increase the compression on the gasket.

schlegelemi.com

electromagnetic
interference
shielding products

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DYNASHEAR™ Specifications

Description: Conductive fabric over ultra-soft urethane foam

Compression Force	0.70 lbs.-inch at 40% compression*
Contact Resistance	0.012 Ohms-inch at 40 % compression*
Compression Set	15.4 % when compressed 50 % for 22 hrs. at 70°C*
Recommended compression for maximum shielding:	1-70%
Shielding Effectiveness	96 dB (average) 20 MHz-10 GHz - Mil DTL 83528 C (NiCu-C70 fabric cladding)
Abrasion Resistance	No change in surface resistivity 800,000 cycles -NiCu-C70 fabric cladding
Operating Temperature	-40°F - +158°F (-40°C ,+70°C) in accordance with ASTM D3374
Flammability	V-0
Compliance	2002/95/EC (RoHs) Compliant
Peel Strength	3M Adhesive 90° peel strength on stainless steel : 128/142 Oz./in after 72 hours –ASTM D3330
	*Results measured on DYNASHEAR™ gasket part number EJ9732Zxxxx



DYNASHEAR™ Gasket Part Numbers

Height \ Width	2.0mm	2.3mm	2.7mm	3.3mm	3.8mm
8 mm	EV3732Zxxxx	EP1732Zxxxx	EU8732Zxxxx	EV6732Zxxxx	EV7732Zxxxx
10 mm	EJ8732Zxxxx	EJ9732Zxxxx	EK1732Zxxxx	EK2732Zxxxx	EK3732Zxxxx
12.7 mm	EK4732Zxxxx	EK5732Zxxxx	EK6732Zxxxx	EK7732Zxxxx	EK8732Zxxxx
xxxx: specifies length in the form xx.xx"					
Standard parts supplied with wide release liner. PSA: 2 strips of adhesive is standard					