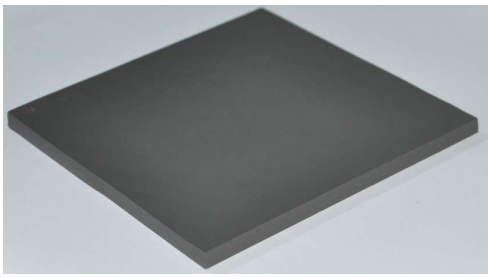
SoftZorb GDS

Soft Version of EccoSorb GDS



SOFTZORB GDS

SoftZorb GDS is a softer entry within Laird's standard EccoSorb product line. This softer material offers easier deflection for use in cavities whenever a lid may potential contact with and compress the absorber causing possible damage to other components. In addition, Softzorb GDS' ability to more thoroughly fill the cavity greatly increases absorber performance by limiting leakage around the absorber.

Softzorb GDS is designed for the frequency range from 18 GHz to 35 GHz expanding from the Softzorb MCS covering frequencies < 18Ghz.

FEATURES AND BENEFITS

- High power performance and high magnetic loss
- Low deflection force enabling conformability for optimum cavity fill
- Antenna applications minimize reflections in transmission lines
- Useful in challenging compact and high tolerances stack up applications

MARKETS

- Datacom/Telecom
- Industrial
- Consumer
- Automotive

SPECIFICATIONS

TYPICAL PROPERTIES	DATA
Color	Dark Grey
Density (g/cc)	4.5
Effective Frequency Range	18 GHz to 35 GHz
Hardness (Shore 00)	55
Deflection (%)	>30 @ 50 psi
Volume Resistivity (Ohm-cm)	9x10 Exp 13
Dielectric Strength (V/mil)	15
Temperature Range	-70°C to 177°C
UL94-V0	Pass Internal

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Europe: +49.8031.24600

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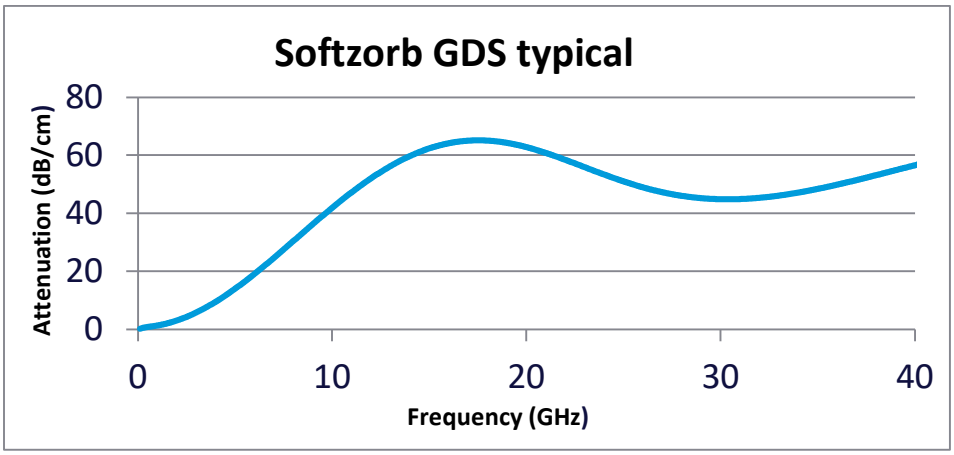
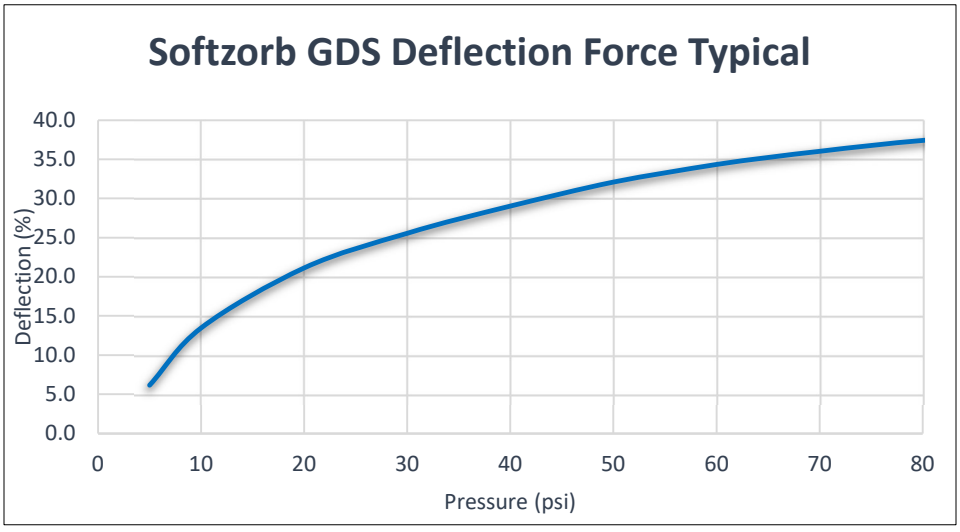
APPLICATIONS

- This softer material can be used as an interface to fill the gap and/or balance stack up tolerances challenges without stressing the components neither the structure of the equipment .
- Can be used in commercial Datacom equipment such as optical transceiver cavities where space is at a premium and superior absorbing capabilities are required.

AVAILABILITY

- Standard sheets are 457 x 457m (18”x18”).
- Standard thicknesses are 1.0mm (0.040”),1.5mm (0.060”) , 2mm (0.08”) and 2.5mm (0.100”)
- Available in other sizes, and customer specified shapes upon request.





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