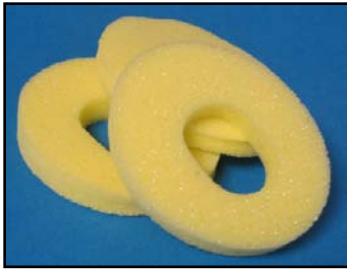


# CONFOR™ CFNT-EGS Foam



CONFOR CFNT-EGS foam is a shock and sound absorbing, slow-recovery foam. Easily conformable to intricate 3D shapes, it exerts a low, uniform force from 10-60% compression. It is an excellent choice for applications requiring comfort, sound and energy absorption.

Typical Properties	CFNT-EGS
Density Nominal kg/m <sup>3</sup> (lb/ft <sup>3</sup> ) ASTM D3574	83 (5.18)
Flammability UL94	Meets HBF
Compression Set % ASTM D3574 22hr @ 22C Compressed 50% 22hr @ 70C Compressed 50%	< 1 < 5
Indentation Force Deflection ASTM D3574 Test B1 Modified 25% Deflection for 12"x12"x2" Sample 22C (72F) @ 50% Relative Humidity	14
Tensile Strength kPa (psi) ASTM D3574 5.1mm/min(20in/min)	48 (6.7)
Tear Strength kNm (lbf/in) ASTM D3574 5.1mm/min(20in/min) @ 22C (72F)	.28 (1.6)
Peak Tan Delta C (F) ASTM D-4065, Shear Mode, 10 μm/ 5 N	1.3 @ 21C (70F)
Halogen Free BS EN 14582:2007 Cl or Br < 900 ppm Cl+Br < 1500 ppm	Yes
RoHS Compliant	Yes

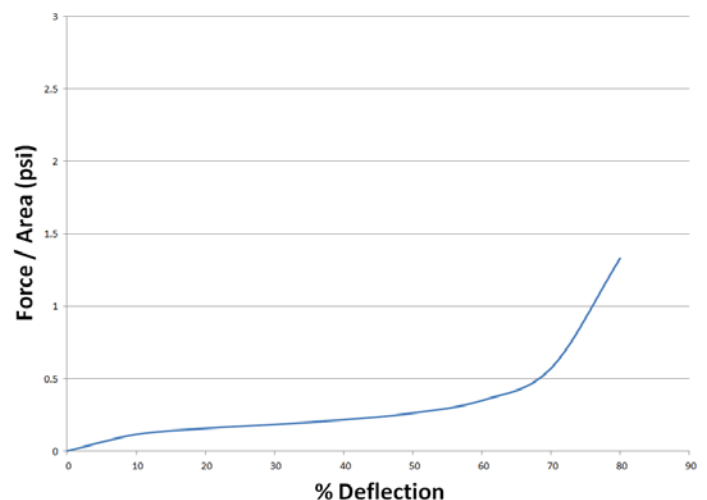
The data listed in this data sheet are typical or average values based on tests conducted by independent laboratories or by the manufacturer. They are indicative only of the results obtained in such tests and should not be considered as guaranteed maximums or minimums. Materials must be tested under actual service to determine their suitability for a particular purpose.

**Warranty and Limited Remedy:** Aearo Technologies LLC warrants that each Aearo Technologies LLC product meets the applicable Aearo Technologies LLC product specification at the time Aearo Technologies LLC ships the product. Aearo Technologies LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If the Aearo Technologies LLC product does not conform to this warranty, the sole and exclusive remedy is, at Aearo Technologies LLC's option, replacement of the Aearo Technologies LLC product or refund of the purchase price.

**Limitation of Liability:** Except where prohibited by law, Aearo Technologies LLC will not be liable for any loss or damage arising from the Aearo Technologies LLC product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.

Static Compression Load Deflection ASTM D 3574 *	kPa (psi)
@ 10% Deflection	.83 (.12)
@ 20% Deflection	1.1 (.16)
@ 30% Deflection	1.2 (.18)
@ 40% Deflection	1.5 (.22)
@ 50% Deflection	1.8 (.26)
@ 60% Deflection	2.4 (.35)
@ 70% Deflection	3.9 (.57)
@ 80% Deflection	9.0 (1.3)

\* 12.7mm thick specimen compressed at a rate of 5.1 mm/min



E-A-R and CONFOR are trademarks of Aearo Technologies LLC

Aearo Technologies LLC • a 3M company

7911 Zionsville Road, Indianapolis, IN 46268  
Phone: 317-692-3000 Fax: 317-692-3111 Web: www.earsc.com



3M is a trademark of 3M  
Printed 1.13