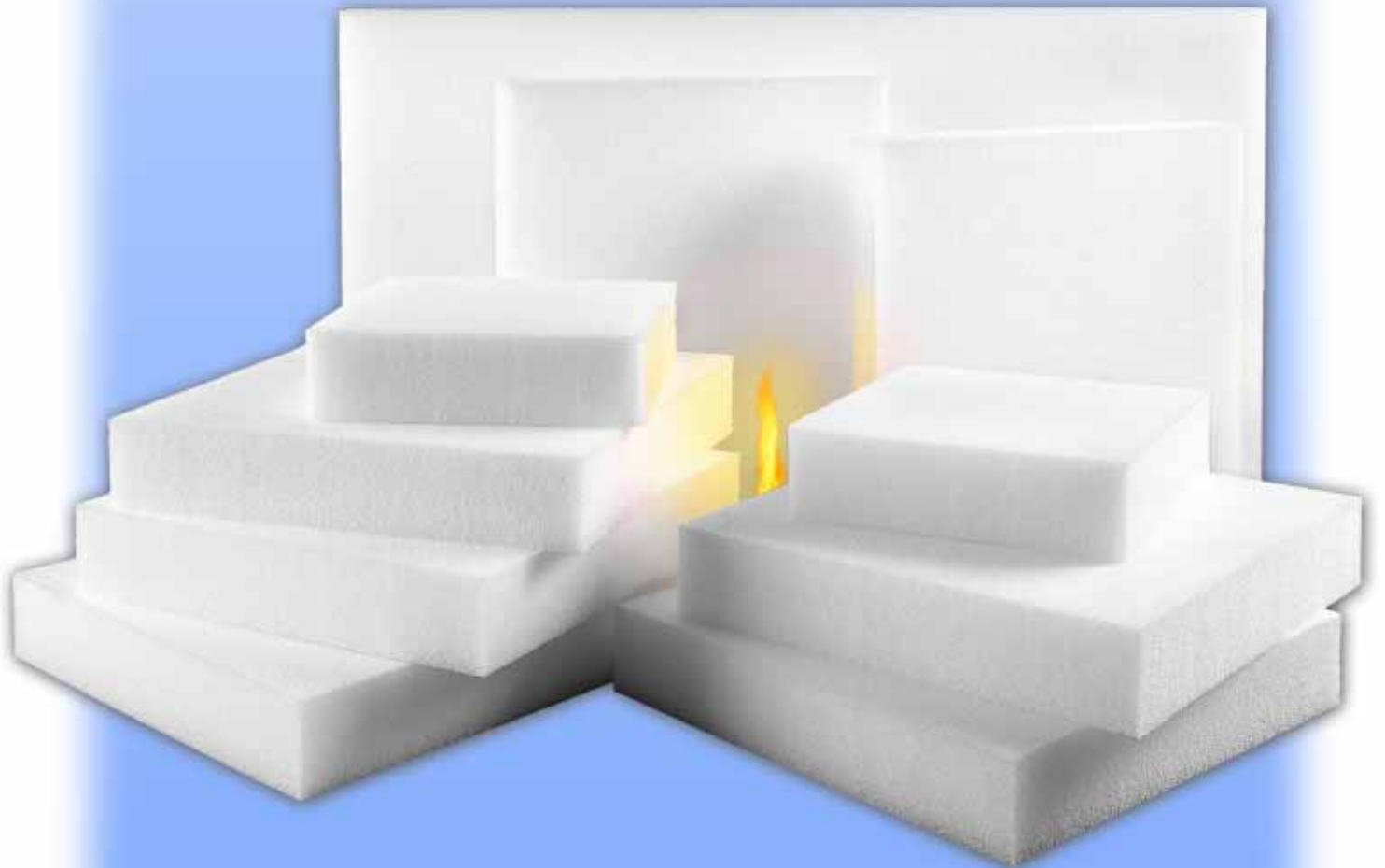


 **Sealed Air**

CelluPlank[®] FR and FR-AS

Flame-Retardant Foam

**Ideal For Foam Applications Where
Flame-Retardant, Or Flame-Retardant
With Anti-Static Properties, Are Required.**



CelluPlank® FR and FR-AS Foam Benefits

CelluPlank® FR polyethylene foam is a closed-cell medium density foam that contains flame-retardant additives which inhibit flame spread and smoke generation.

CelluPlank® FR-AS polyethylene foam combines flame-retardant and anti-static capabilities.

CelluPlank® FR and CelluPlank® FR-AS foams provide excellent protection from multiple impacts over a wide range of loadings and are:

- Strong and resilient
- Lightweight
- Flexible and fabricate easily
- Consistent in performance over wide temperature ranges

Meets the flame-retardant requirements of:

- FAA FAR 25.853(a) for aircraft interiors/components
- MVSS 302 for interiors of automobiles, trucks and buses
- ASTM E84 for building and construction
- UL 94 HBF for appliances and non-structural devices
- ASTM E162 and ASTM E662 for military applications

CelluPlank® FR and FR-AS Foam Applications:

- Military
- Bus Seats
- Airline Seats
- Automotive
- Construction

Product	Density	Size	Color
FR	2 pcf	2" x 24" x 108'	Natural
FR-AS	2 pcf	2" x 24" x 108'	Blue Gray

Other sizes, colors, and densities may be available upon request. FR-AS available on order only (non-stocked item).

PHYSICAL PROPERTIES	TEST METHOD	FR / FR-AS
Compression Strength (psi) @ 10% / 25% / 50%	ASTM D3575 Suffix D	8 / 10 / 19
Compression Creep (%) @ 2.0 psi (168 hrs.)	ASTM D3575 Suffix BB	< 5%
Compressive Set (%)	ASTM D3575 Suffix B	< 20%
Tensile Strength (psi) (average)	ASTM D 412 per ASTM D3575 Suffix T	40
Tensile Elongation (%) (average)	ASTM D412 per ASTM D3575 Suffix T	80
Tear Resistance (lb./in.) (average)	ASTM D624 per ASTM D3575 Suffix G	9
Density Range (lb./ft ³)	ASTM D3575	2.0 – 2.4
Water Absorption (lb./ft ³)	ASTM D3575 Suffix L	< 0.2
Thermal Conductivity K-Value (BTU-in. hr. ft. ⁻² °F)	ASTM C518	0.4
Thermal Resistance R-Value (hr. ft. ² °F/BTU)	ASTM C518	2.4
Static Decay (AS grade)	EIA STD.541 Appendix F	< 2 sec.
Surface Resistance (AS grade)	ESD-S11.11-1993	1.0 x 10 ⁹ -1.0 x 10 ¹¹ ohms

* The data presented for these products are for unfabricated Sealed Air Corporation brand foam products. While values shown are typical of these products, they should not be construed as specification limits.

Distributed By:



Sealed Air Limited
Specialty Materials
Telford Way

Kettering
Northants

NN16 8 UN, UK

specialty materials-emea@sealedair.com

www.sealedair-emea.com

Our Products Protect Your Products®

Corporate Office: Sealed Air Corporation
Park 80 East, Saddle Brook, NJ 07663-5291

www.sealedair.com

© Reg. U.S. Pat. Off. © Sealed Air Corporation 2004. All rights reserved. Printed in the U.S.A. D-158 5/04