

Polyurethane Systems

Froth Foam Systems



A WORLD LEADER IN POLYURETHANE CHEMISTRY

Here at Carpenter, our experts formulate our 2-component polyurethane systems to meet the market needs and the ever-changing regulatory landscape.

Below you will find an overview of our low GWP (Global Warming Potential) froth foam systems for a variety of applications:

	EcoFroth B-155	LDB-155SG-HF1	LDB-165SG-120	LDB-185SG-120	LDB-210SG-1
Free Rise Density (pcf)	1.55	1.55	1.65	1.85	2.10
In Place Density (pcf)	2.1 – 2.3	2.1 – 2.3	1.9 – 2.3	2.0 – 2.4	2.4 – 2.6
R-Value /in. 75 °F Mean Temperature	6.6	6.6	5.9	6.3	7.1
Flammability Test/Rating	UL-94 HF1	UL-94 HF1	N/A	N/A	UL-723 Class 1
US Coast Guard 33 CFR 183.114	N/A	N/A	Yes	Yes	N/A
Typical Applications	Commercial Refrigeration	Commercial Refrigeration	Marine Flotation	Marine Flotation	Commercial Refrigeration

NOTE: Request a copy of the Technical Data Sheets for more information.
Additional systems are available upon request

When these systems are processed, the foam “froths” to a shaving cream-like consistency before it starts to flow. This typically leads to a wider processing window in production. Froth foam systems also allow processing at lower mold temperature than similar pour in place systems.

These systems are available in 350-gallon pressure bottles/cylinders from our Richmond site.



Our polyurethane systems are produced at our sites in IN, MI, TX & VA.

Interested? Contact your Carpenter representative or send your request to chemical.systems@carpenter.com.