

Foam Specification Sheet



2# UL94/HF-1 (S82N) - Polyester

Material	2# Polyester UL94/HF-1	
	Minimum	Average
Density (pcf)	2.0 +/- 10%	
Tensile Strength (psi)	16	20
Ultimate Elongation (%)	90	116
Tear Resistance (ppi)	1.1	1.5
Compression Force Deflection, psi 25% Deflection	0.55	0.74
Compression Force Deflection, psi 50% Deflection	0.65	0.84
Compression Force Deflection, psi 70% Deflection	1.2	1.6
Cell Count (visual) pores per	50 +/- 5/in.	
Retention of Tensile Strength after 6 hours steam autoclave @ 105°C	min 70%	
Retention of Tensile Strength after 22 hours dry heat aging @ 140°C	min 70%	
Flammability Characteristics per UL 94	94 HF-1 @ 0.056" Minimum Thickness	

Address: 760 Windsor St. Hartford, CT 06120

Email: Support@NewEnglandFoam.com

Tel: 860-524-0121 | **Fax:** 860-522-5830