

# Foam Specification Sheet



## 4# UL94/HF-1 (4.0 N) - Polyester

<b>Material</b>	<b>4# Polyester UL94/HF-1</b>	
	<b>Minimum</b>	<b>Average</b>
Density (pcf)	4.0 +/- 10%	
Tensile Strength (psi)	14	20
Ultimate Elongation (%)	140	218
Tear Resistance (ppi)	1.5	2.3
Compression Force Deflection, psi 25% Deflection	0.7	0.8
Compression Force Deflection, psi 50% Deflection	0.86	1
Compression Force Deflection, psi 70% Deflection	1.73	2.1
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 @ 0.125" Minimum Thickness	

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