

## B2743

FOAM GRADE: **H270-40S1**  
COLOR: PEACH

EFFECTIVE: 03-01-00  
SUPERSEDES: 11-01-99

TEST ITEM	UNIT	LIMITS	TEST METHOD
DENSITY	PCF	2.60-2.80	ASTM 3574
I.F.D. @ 4" THICK			
- 25% DEFLECTION	LBS.	39.0-47.0	ASTM 3574
- 65% DEFLECTION	LBS.	100.0 MIN.	ASTM 3574
SUPPORT FACTOR	RATIO	2.50 MIN.	
RECOVERY	%	80 MIN.	
HYSTERESIS LOSS	%	20 MAX	
CONSTANT DEFLECTION COMPRESSION SET			
- 90% DEFLECTION	%	10 MAX.	ASTM 3574
- 75% DEFLECTION	%	8 MAX.	ASTM 3574
- 50% DEFLECTION	%	3 MAX.	ASTM 3574
STEAM AUTOCLAVE AGING			
- COMPRESSION SET @ 50% DEFLECTION	%	N/A	ASTM 3574
DRY HEAT AGING			
- COMPRESSION SET @ 50% DEFLECTION	%	5 MAX.	ASTM 3574
AIR FLOW	CFM	1.0 MIN.	ASTM 1564
RESILIENCE (BALL TEST)	%	55.0 MIN.	ASTM 3574
TENSION TEST			
- TENSILE STRENGTH	PSI	15.0 MIN.	ASTM 3574
- ULTIMATE ELONGATION			
GRIP SEPARATION	%	100 MIN.	ASTM 3574
TEAR RESISTANCE	PLI	1.20 MIN.	ASTM 3574
STATIC FATIGUE 75%			
- I. F. D. LOSS @ 25%	%	10 MAX.	ASTM 3574
- THICKNESS LOSS @ 75% COMPRESSION	%	1 MAX.	ASTM 3574
FLAMMABILITY PERFORMANCE *			
- CALIFORNIA TECHNICAL BULLETIN 117, SEC. A, PART I		PASS	
- CALIFORNIA TECHNICAL BULLETIN 117, SEC. D, PART II		PASS	
- FEDERAL M.V.S.S. 302		PASS	
- FAA, FAR 25.853 (B)		MEETS	

\* THIS FLAMMABILITY DATA IS NOT INTENDED TO REFLECT HAZARDS PRESENTED BY THIS OR ANY OTHER MATERIAL UNDER ACTUAL FIRE CONDITIONS.

NOTE: FAA , FAR 25.853 (B) MUST BE TESTED EACH RUN BY A INDEPENDENT CERTIFIED LAB TO CERTIFY FOR USE ON AIRCRAFT. THIS MATERIAL HAS BEEN TESTED AND MEETS THIS STANDARD.