

## C1525 A.S.

FOAM GRADE: **AS145-30R1**  
COLOR: PINK

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

TEST ITEM	UNIT	LIMITS	TEST METHOD
DENSITY	PCF	1.40-1.50	ASTM 3574
I.F.D. @ 4" THICK			
- 25% DEFLECTION	LBS.	25.0-31.0	ASTM 3574
- 65% DEFLECTION	LBS.	45.0 MIN.	ASTM 3574
SUPPORT FACTOR	RATIO	1.80 MIN.	
RECOVERY	%	N/A	
HYSTERESIS LOSS	%	35.0 MAX.	
COMPRESSION FORCE DEFLECTION	LBS.	N/A	
CONSTANT DEFLECTION COMPRESSION SET			
- 90% DEFLECTION	%	10.0 MAX.	ASTM 3574
- 50% DEFLECTION	%	5.0 MAX.	ASTM 3574
STEAM AUTOCLAVE AGING			
- COMPRESSION SET @ 50% DEFLECTION	%	N/A	
- C. F. D. LOSS @ 50%	%		
DRY HEAT AGING			
- COMPRESSION SET @ 50% DEFLECTION	%	N/A	
- C. F. D. LOSS @ 50%	%		
AIR FLOW	CFM	3.0 MIN.	ASTM 1564
RESILIENCE (BALL TEST)	%	50.0 MIN.	ASTM 3574
TENSION TEST			
- TENSILE STRENGTH	PSI	12.0 MIN.	ASTM 3574
- ULTIMATE ELONGATION GRIP SEPARATION	%	150 MIN.	ASTM 3574
TEAR RESISTANCE	PLI	1.45 MIN.	ASTM 3574
SURFACE RESISTIVITY		2.0 x 10 <sup>12</sup> OHMS/SQ.	ASTM 257
MIL-B-81705B STATIC DECAY		2.0 MAX	FED. STD.101B METHOD 4046

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