

## A1824

FOAM GRADE: **P180-24N1**  
COLOR: WHITE

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

TEST ITEM	UNIT	LIMITS	TEST METHOD
DENSITY	PCF	1.75-1.85	ASTM 3574
I.F.D. @ 4" THICK			
- 25% DEFLECTION	LBS.	22 TO 28	ASTM 3574
- 65% DEFLECTION	LBS.	39.6 MIN.	ASTM 3574
SUPPORT FACTOR	RATIO	1.80 MIN.	
RECOVERY	%		
HYSTERESIS LOSS	%	N/A	
COMPRESSION FORCE DEFLECTION	LBS.	N/A	
CONSTANT DEFLECTION COMPRESSION SET			
- 90% DEFLECTION	%	8.0 MAX.	ASTM 3574
- 50% DEFLECTION	%	5.0 MAX.	ASTM 3574
STEAM AUTOCLAVE AGING			
- COMPRESSION SET @ 50% DEFLECTION	%	N/A	ASTM 3574
- C. F. D. LOSS @ 50%	%	N/A	
DRY HEAT AGING			
- COMPRESSION SET @ 50% DEFLECTION	%	N/A	
- C. F. D. LOSS @ 50%	%		
AIR FLOW	CFM	4.0 MIN.	ASTM 1564
RESILIENCE (BALL TEST)	%	50.0 MIN.	ASTM 3574
TENSION TEST			
- TENSILE STRENGTH	PSI	8.0 MIN.	ASTM 3574
- ULTIMATE ELONGATION GRIP SEPARATION	%	130 MIN.	ASTM 3574
TEAR RESISTANCE	PLI	1.25 MIN.	ASTM 3574
STATIC FATIGUE 75%			
- I. F. D. LOSS @ 25%	%	N/A	ASTM 3574
- THICKNESS LOSS @ 75% COMPRESSION	%	N/A	ASTM 3574