

A1833

FOAM GRADE: **P180-33N1**
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. | 30 TO 36 | ASTM 3574 |
| - 65% DEFLECTION | LBS. | 54.0 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 | % | 10.0 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% | % | | |
| DRY HEAT AGING | | | |
| - COMPRESSION SET @ 50% DEFLECTION | % | N/A | |
| - C. F. D. LOSS @ 50% | % | | |
| AIR FLOW | CFM | 2.0 MIN. | ASTM 1564 |
| RESILIENCE (BALL TEST) | % | 45.0 MIN. | ASTM 3574 |
| TENSION TEST | | | |
| - TENSILE STRENGTH | PSI | 8.0 MIN. | ASTM 3574 |
| - ULTIMATE ELONGATION GRIP SEPARATION | % | 125 MIN. | ASTM 3574 |
| TEAR RESISTANCE | PLI | 1.00 MIN. | ASTM 3574 |
| STATIC FATIGUE 75% | | | |
| - I. F. D. LOSS @ 25% | % | N/A | ASTM 3574 |
| - THICKNESS LOSS @ 75% COMPRESSION | % | N/A | ASTM 3574 |