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SP F2003

Product Information

SP F2003 is a high-performance, flexible polyurethane foam designed for processing through plural spray high pressure dispensing equipment. Once fully cured, this material is tough, flexible and dimensionally stable. SP F2003 designed for use in applications where tough skin is required with good memory and with excellent tensile strength. SP F2003 is an excellent choice for sound and noise insulation and control.

Physical Properties (Components)

| | Component A | Component B |
|--------------------------|-------------|-------------|
| Viscosity at 75°F (cps) | 400 - 600 | 900 - 1300 |
| Specific Gravity (gr/ml) | 1.09 - 1.12 | 1.07 - 1.09 |

Physical Properties (Final Product)

| | |
|------------------------------------|----|
| Tensile Strength (psi), ASTM D-638 | 25 |
| Elongation (%), ASTM D-638 | 90 |
| Tear Strength (pli), ASTM D1004 | 10 |

Handling Characteristics

| | |
|--|-----------|
| Mix Ratio by Weight (Component A: Component B) | 50 / 50 |
| Cream Time (seconds) | 3 - 6 |
| Rise Time (seconds) | 11 - 20 |
| Tack Free Time (seconds) | 17 - 25 |
| Demold Time (minutes) | 4 |
| Fine Cure Time (hours) | 1 |
| Density (pcf) | 3.0 - 4.0 |

Storage and Shelf Life

Components A and B should be kept well sealed in a dry place from 75 to 90°F. Shelf life of unopened containers is six (6) months from manufacturing date. Purge opened containers with dry nitrogen before resealing. **Premix Component B prior to use.** Refer to product MSDS for more information.

Packaging

| | | |
|--------------|-----------------------------------|-------------------|
| Component A: | 55 gallon steel drum (closed top) | 500 lb Net Weight |
| Component B: | 55 gallon steel drum (open top) | 450 lb Net Weight |

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