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SP FR2003

Product Information

SP FR2003 is a fire retardant, 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 FR2003 is an excellent choice for sound and noise insulation and control, where fire rated materials are specified.

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 gallons steel drum (closed top)	500 lb Net Weight
Component B:	55 gallons steel drum (open top)	450 lb Net Weight

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