



**PRODUCT DATA SHEET**  
**SUPERSEAL 444/777**

PART NO. 34651

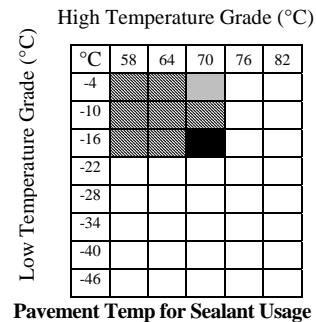
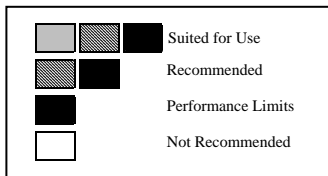
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420 N. Roosevelt Ave. • Chandler AZ 85226  
 1-800-528-8242 • (602) 276-0406 • FAX (480) 961-0513  
 www.crafco.com

**READ BEFORE USING THIS PRODUCT**

**GENERAL** Crafco Superseal 444/777 is a high quality, hot-applied fuel resistant sealant used to seal joints in portland cement concrete pavements in moderate to hot climates. The sealant is specifically produced to meet requirements of ASTM D 7116, Type I (formerly D3569-95, D3406-95) and AASHTO M282. Superseal 444/777 is supplied in liquid form in 5 gallon (19L) pails. Being initially liquid, Superseal 444/777 is easier to handle during application than solid hot-poured sealant types. During application, Superseal 444/777 is poured into the melter applicator unit, heated to application temperature, and applied to prepared joints. At application temperature, Superseal 444/777 is self-leveling and produces uniform and neat sealed joints. After application and cooling, Superseal 444/777 forms a tough, resilient, well bonded seal for concrete pavement joints. Superseal 444/777 is formulated to be used only as a sealant for portland cement concrete pavements. **It is not to be used in asphalt concrete pavements or in extreme jet blast areas, and is not to be in contact with any asphalt containing materials.** Superseal 444/777 has been a quality Crafco product for 20 years. VOC = 0 g/l.

**USAGE GUIDELINES** Superseal 444/777 pavement temperature performance limits are 70-16 for joint sealing. Usage recommendations are shown in Crafco pavement temperature grade charts shown at the right. Refer to Crafco Product Selection Procedures to determine sealant or filler and pavement temperature grades.



**SPECIFICATION CONFORMANCE** Crafco Superseal 444/777 meets all requirements of ASTM D7116, "Specification for Joint Sealants, Hot-Applied, Jet-Fuel Resistant Types, For Portland Cement Concrete Pavements", Type I, (formerly ASTM D3569 and ASTM D3406), and AASHTO M282.

**Test**

Cone Penetration, 77°F (25°C)	<b>ASTM D7116, Type I, D3569, AASHTO M 282 Limits</b>	130 units max.
Fuel, Immersed Penetration (1)		Not greater than non-immersed pen
Softening Point		200F (93C) min
Bond, 0F (-18°C), 50% ext., 3 cycles		No Separation
Fuel Immersed Bond (1), 3 cycles		1/4" (.6cm) maximum separation
Water Immersed Bond, 3 cycles		No Separation
Resilience, 77°F (25°C)		60% min.
Aged Resilience, 77°F (25°C)		60% min.
Artificial Weathering Test		Pass requirements
Tensile Adhesion		500% min.
Flexibility		Pass
Minimum Application Temperature		270°F (132°C)
Maximum Heating Temperature		290°F (143°C)

Note (1): Not required for D3406 or AASHTO M282

**INSTALLATION** The unit weight of Superseal 444/777 is 10.1 lbs/gal (1.21 kg/L) per gallon at 60°F (15.5°C). Prior to use, the user must read and follow Installation Instructions for Hot-Applied Superseal Sealants to verify proper product selection, heating methods, pavement preparation procedures, application geometrics, usage precautions and safety procedures. These instructions are provided with each pallet of sealant.

**PACKAGING** The sealant is packaged in 5 gallon (19L) pails with 36, polyethylene lined, pails per pallet. Installation Instructions are provided with each pallet in a weather resistant enclosure.

**WARRANTY** CRAFTCO, Inc. warrants that CRAFTCO sealants meet applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation of the cracks and joints prior to sealing are beyond our control as are the use and application of the sealants; therefore, Crafco shall not be responsible for improperly applied or misused sealants. Remedies against Crafco, Inc., as agreed to by Crafco, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafco, Inc. All claims for breach of this warranty must be made within three (3) months of the date of use or twelve (12) months from the date of delivery by Crafco, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow Crafco recommendations for sealant installation.**