



PRODUCT DATA SHEET
SUPERSEAL 444/777

PART NO. 34651

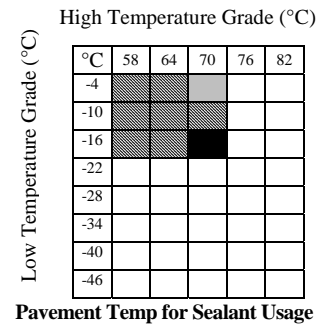
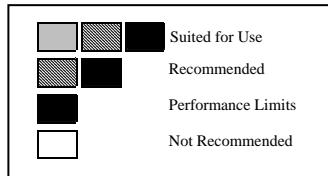
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420 N. Roosevelt Ave. • Chandler AZ 85226
 1-800-528-8242 • (602) 276-0406 • FAX (480) 961-0513
 www.crafco.com

READ BEFORE USING THIS PRODUCT

GENERAL Crafco Superseal 444/777 is a high quality, hot-applied fuel resistant sealant intended for use in sealing joints in portland cement concrete pavements in moderate to hot climates. The sealant is specifically formulated and produced to meet requirements of ASTM 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 much easier to handle during application than solid hot-poured sealant types. During application, Superseal 444/777 is simply 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 extreme jet blast areas.**

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 D3569, “Specification for Joint Sealant, Hot-Applied, Elastomeric Jet-Fuel Resistant Type, For Portland Cement Concrete Pavements”, ASTM D3406 “Joint Sealant, Hot-Applied Elastomeric Type, For Portland Cement Concrete Pavement”, and AASHTO M282.

Test AASHTO M282, ASTM D3569 and D3406 Spec. Limits

Cone Penetration, 77°F (25°C)	130 units max.
Fuel, Immersed Penetration (1)	Not greater than non-immersed pen
Flow, 158°F (70°C), 72 hrs.	No Flow
Bond, 0F (-18°C), 50% ext.	No Separation, 3 cycles
Fuel Immersed Bond (1)	1/4" (.6cm) maximum separation, 3 cycles
Water Immersed Bond	No Separations, 3 cycles
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
Solubility	+/- 2.0% max.
Recommended Pour Temperature	270°F (132°C)
Safe Heating Temperature	290°F (143°C)

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

APPLICATION 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 Application Instructions for Hot Applied Superseal Sealants (January 2002) 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. Application 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.**