



PARKING LOT SEALANT



Due to the nature of vehicle and pedestrian traffic on parking lot pavement, special care should be taken when selecting sealant for these areas. These areas encounter different types of traffic than highways and high traffic volume roads. Climatic conditions will also dictate the type of sealant required for effective long lasting sealant application.

Crafco offers **five different types of crack sealant** specifically formulated for the use on parking lots satisfying the various conditions described above. The following data sheets describe each sealant for proper sealant selection.

For additional information contact your Authorized Crafco Representative

Product Data Sheets

34200

34202

34532

34533

34543



PRODUCT DATA SHEET
PARKING LOT SEALANT

PART NO. 34200

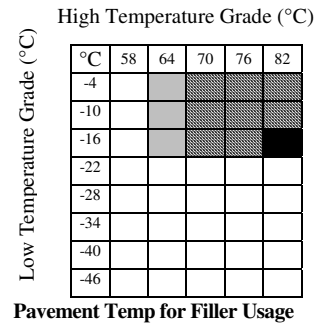
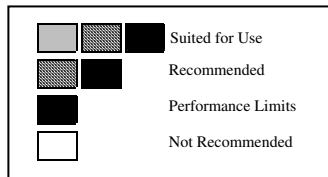
JANUARY 2008

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 Parking Lot Sealant is a hot-applied asphalt based product used to fill cracks in both asphalt and portland cement concrete pavements in warm to hot climates. Parking Lot Sealant is supplied in solid form which when melted and properly applied forms a high stiffness, adhesive and flexible compound that resists cracking at winter temperatures and is highly resistant to flow or pick-up at extreme summer temperatures. Parking Lot Sealant is used for highway, street, airfield and parking lot pavements in warm to hot climates and is applied to pavement cracks using either pressure feed melter applicators or pour pots. At application temperature it is a free flowing, self-leveling product. Parking Lot Sealant is specifically formulated to be a stiff, flow resistant, yet flexible product for use in areas with pedestrian and slow moving vehicle traffic, in hotter climates, where high resistance to pick-up or tracking is required. Parking Lot Sealant has been providing excellent performance in these uses for over 20 years. VOC = 0 g/l.

USAGE GUIDELINES Parking Lot Sealant pavement temperature performance limits are 82-16 for crack filling. 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 use and pavement temperature grades.



SPECIFICATION CONFORMANCE The Crafco recommended specification for Parking Lot Sealant when heated to safe heating temperature in accordance with ASTM D5167 is:

Test	Crafco Recommended Specification
Cone Penetration (ASTM D5329)	35 max.
Flow, 140°F (60°C), 5h (ASTM D5329)	3.0mm max.
Resilience, (ASTM D5329)	30% min.
Softening Point (ASTM D36)	210°F (99°C) min.
Ductility, 77°F (25°C) (ASTM D113)	50 cm min.
Mandrel Bend, 0°F (-18°C), 180 degree	Pass
5 sec., 1/2" (12 mm) dia. (ASTM D3111 modified)	Pass
Asphalt Compatibility (ASTM D5329)	Pass
Minimum Application Temperature	380°F (193°C)
Maximum Heating Temperature	400°F (204°C)

INSTALLATION The unit weight of Crafco Parking Lot Sealant is 10.6 lbs. per gallon (1.27 kg/L) at 60F (15.5C). Prior to use, the user must read and follow Installation Instructions for Hot-Applied RoadSaver, PolyFlex, Parking Lot and Asphalt Rubber Products to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each pallet of sealant.





PACKAGING Packaging consists of individual boxes of product which are palletized into shipping units. Boxes contain a non-adherent film which permits easy removal of the sealant. Each pallet contains 72 boxes which are stacked in six layers of 12 boxes per layer. The weight of product in each box does not exceed 40 lbs. (18kg) and pallet weights do not exceed 2,880 lbs. (1310kg). Pallets of product are weighed and product is sold by the net weight of product. Product boxes are manufactured from double wall kraft board producing a minimum bursting test certification of 350 psi (241 N/cm²) and using water resistant adhesives. Boxes use tape closure and do not contain any staples. Boxes are labeled with the product name, part number, lot number, specification conformance, application temperatures and safety instructions. Palletized units are protected from the weather using a three mil thick plastic bag, a weather and moisture resistant cap sheet and a minimum of two layers of six month u.v. protected stretch wrap. Pallets are labeled with the product part number, lot number and net weight. Installation Instructions are provided with each pallet in a weather resistant enclosure.

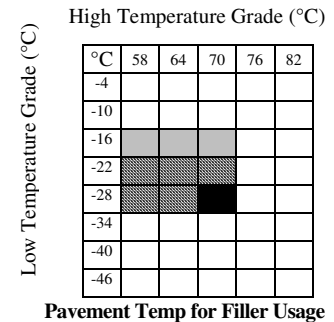
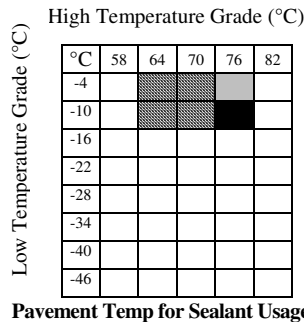
WARRANTY CRAFTCO, Inc. warrants that CRAFTCO products meet applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation of the cracks and joints prior to sealing or filling are beyond our control as are the use and application of the products; therefore, Crafco shall not be responsible for improperly applied or misused products. 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 product installation.**

READ BEFORE USING THIS PRODUCT

GENERAL Crafcro Parking Lot Sealant Type 1 is a hot-applied asphalt based product used to seal and fill cracks and joints in asphalt or portland cement concrete pavements in moderate to warm climates. Parking Lot Sealant Type 1 is supplied in solid form which when melted and properly applied forms a high stiffness, adhesive and flexible compound that resists cracking in the winter and is highly resistant to flow or pick-up at summer temperatures. Parking Lot Sealant Type 1 is used in highway, street, airfield and parking lot pavements and is applied to pavement cracks using either pressure feed melter applicators or pour pots. At application temperature it is a free flowing, self-leveling product. Parking Lot Sealant Type 1 is specifically formulated to be a stiff, flow resistant, yet flexible product which is suited for use in areas subject to pedestrian and slow moving vehicular traffic in moderate to warm climates where high resistance to pick-up or tracking is required. VOC = 0 g/l.

USAGE GUIDELINES Parking Lot Sealant Type 1 pavement temperature performance limits are 76-10 for crack sealing and 70-28 for crack filling. Usage recommendations are shown in Crafcro pavement temperature grade charts shown at the right. Refer to Crafcro Product Selection Procedures to determine sealant or filler use and pavement temperature grades.

	Not Recommended
	Performance Limits
	Recommended
	Suited for Use



SPECIFICATION CONFORMANCE Crafcro recommended specifications for Parking Lot Sealant Type 1 when heated to the safe heating temperature in accordance with ASTM D5167 are:

Test	Recommended Specification
Cone Penetration, 77°F (25°C), (ASTM D5329)	60 max.
Flow, 140°F (60°C), 5h (ASTM D5329)	3.0mm max.
Resilience, 77°F (25°C), (ASTM D5329)	40% min.
Softening Point (ASTM D36)	205°F (93°C) min.
Ductility, 77°F (25°C) (ASTM D113)	50 cm min.
Mandrel Bend, -20°F (-29°C), 180 degree 5 sec., 1/2" (12 mm) dia. (ASTM D 3111 modified)	Pass
Tensile Adhesion 77°F (25°C) (ASTM D5329)	500% min.
Asphalt Compatibility (ASTM D5329)	Pass
Minimum Application Temperature	380°F (193°C)
Maximum Heating Temperature	400°F (204°C)

INSTALLATION The unit weight of Crafcro Parking Lot Sealant Type 1 is 10.3 lbs. per gallon (1.23 kg/L) at 60°F (15.5°C). Prior to use, the user must read and follow Installation Instructions for Hot-Applied RoadSaver, PolyFlex, Parking Lot and Asphalt Rubber Products to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each pallet of product.

PACKAGING Packaging consists of individual boxes of product which are palletized into shipping units. Boxes contain a non-adherent film which permits easy removal of the product. Each pallet contains 72 boxes which are stacked in six layers of 12 boxes per layer. The weight of product in each box does not exceed 40 lbs. (18kg) and pallet weights do not exceed 2,880 lbs. (1310kg). Pallets of product are weighed and product is sold by the net weight of product. Product boxes are manufactured from double wall kraft board producing a minimum bursting test certification of 350 psi (241 N/cm²) and using water resistant adhesives. Boxes use tape closure and do not contain any staples. Boxes are labeled with the product name, part number, lot number, specification conformance, application temperatures and safety instructions. Palletized units are protected from the weather using a three mil thick plastic bag, a weather and moisture resistant cap sheet and a minimum of three layers of six month u.v. protected stretch wrap. Pallets are labeled with the product part number, lot number and net weight. Installation Instructions are provided with each pallet in a weather resistant enclosure.

WARRANTY CRAFCO, Inc. warrants that CRAFCO products 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 or filling are beyond our control as are the use and application of the products; therefore, Crafcro shall not be responsible for improperly applied or misused products. Remedies against Crafcro, Inc., as agreed to by Crafcro, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafcro, 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 Crafcro, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow Crafcro recommendations for product installation.**

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READ BEFORE USING THIS PRODUCT

GENERAL CrafcO Superflex is a hot-applied asphalt based product used to seal and fill cracks and joints in asphalt or portland cement concrete pavements in moderate to cold climates. Superflex is supplied in solid form which when melted and properly applied forms an adhesive and flexible compound that resists cracking in the winter and is highly resistant to flow and pick-up at summer temperatures. Superflex can be used in highway, street, airfield and parking lot pavements and is applied to pavement cracks and joints using either pressure feed melter applicators or pour pots. At application temperature Superflex is a free flowing, self-leveling product. Superflex can be melted in jacketed double boiler type melting units or in small direct bottom fired type melters. Both types of melters must have sufficient agitation and temperature indicating devices to assure that the sealant is heated to and maintained within the specified application temperature range of 325 to 400°F (163 to 204°C). VOC = 0 g/l.

USAGE GUIDELINES Superflex pavement temperature performance limits are 70-10 for crack sealing and 70-28 for crack filling. 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 use and pavement temperature grades.

	Not Recommended
	Performance Limits
	Recommended
	Suited for Use

High Temperature Grade (°C)

°C	58	64	70	76	82
Low Temperature Grade (°C)					
-4					
-10					
-16					
-22					
-28					
-34					
-40					
-46					

Pavement Temp for Sealant Usage

High Temperature Grade (°C)

°C	58	64	70	76	82
Low Temperature Grade (°C)					
-4					
-10					
-16					
-22					
-28					
-34					
-40					
-46					

Pavement Temp for Filler Usage

SPECIFICATION CONFORMANCE CrafcO Superflex meets the following requirements when heated to the maximum heating temperature in accordance with ASTM D5167:

Tests	Specification Limits
Softening Point (ASTM D36)	200°F (93°C) min.
Flexibility 90° Bend, 1" (25mm) mandrel	Pass at -20°F (-29°C)
Cone Penetration, 77°F (25°C) (ASTM 5329)	60 max.
Flow, 140°C (60°C), 5 hr. (ASTM D5329)	0 mm.
Elongation 77°F (25°C)	1500% min.
Opening to Traffic Time	30 minute max.
Maximum Heating Temperature	400°F (204°C)
Application Temperature Range	325-400°F (163-204°C)

INSTALLATION The unit weight of CrafcO Superflex is 8.8 lbs./gal. (1.05 kg/L) at 60°F (15.5°C). Prior to use, the user must read and follow Installation Instructions for Superflex Sealants to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each pallet of product. Error! Bookmark not defined.

PACKAGING Packaging of CrafcO products consists of individual boxes of products which are palletized into shipping units. Boxes contain a non-adherent film which permits easy removal of the product. Each pallet contains 72 boxes which are stacked in six layers of 12 boxes per layer. The weight of product in each box does not exceed 40 lbs. (18 kg) and pallet weights do not exceed 2,880 lbs. (1310 kg). Pallets of product are weighed and product is sold by the net weight of product. Product boxes are manufactured from double wall kraft board producing a minimum bursting test certification of 350 psi (241 N/cm²) and using water resistant adhesives. Boxes use tape closure and do not contain any staples. Boxes are labeled with the product name, part number, lot number specification conformance, application temperatures and safety instructions. Palletized units are protected from the weather using a three mil thick plastic bag, a weather and moisture resistant cap sheet, and a minimum of two layers of six month u.v. protected stretch wrap. Pallets are labeled with the product part number, lot number and net weight. Installation Instructions are provided with each pallet in a weather resistant enclosure.

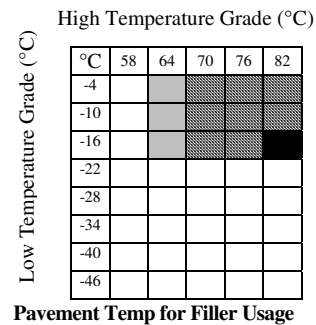
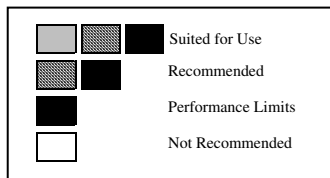
WARRANTY CRAFCO, Inc. warrants that CRAFCO products meet applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation of the cracks and joints prior to sealing or filling are beyond our control as are the use and application of the products; therefore, CrafcO shall not be responsible for improperly applied or misused products. 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 product installation.**

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READ BEFORE USING THIS PRODUCT

GENERAL Crafcro Superflex HT is a hot-applied asphalt based product used to fill cracks in asphalt concrete or portland cement concrete pavements in moderate to hot climates. Superflex HT is supplied in solid form which when melted and properly applied forms an adhesive and flexible compound that resists cracking in the winter and is highly resistant to tracking or pick-up by vehicle tires in hot climates. Superflex HT is used in highway, street, airfield and parking lot pavements and is applied to pavement cracks using either pressure feed melter applicators or pour pots. At application temperature, Superflex HT is a low viscosity, self-leveling product which easily penetrates narrow cracks. Superflex HT can be melted in jacketed double boiler type melting units, or in small direct bottom fired types of melters. Both melter types must have sufficient agitation and temperature indicating devices to assure that the material is heated to and maintained within the specified application temperature range of 325° to 400°F (163 to 204°C). VOC = 0 g/l.

USAGE GUIDELINES Superflex HT pavement temperature performance limits are 82-16 for crack filling. Usage recommendations are shown in Crafcro pavement temperature grade charts shown at the right. Refer to Crafcro Product Selection Procedures to determine sealant or filler use and pavement temperature grades.



SPECIFICATION CONFORMANCE Crafcro Superflex HT meets the following requirements when heated to the maximum heating temperature in accordance with ASTM D5167:

Tests

- Softening Point (ASTM D36)
defined.
- Flexibility 90° Bend, 1" (25mm) mandrel
- Cone Penetration, 77°F (25°C) (ASTM 5329)
- Flow, 140°C (60°C), 5 hr. (ASTM D5329)
- Elongation 77°F (25°C)
- Opening to Traffic Time
- Maximum Heating Temperature
- Application Temperature Range
defined.

Specification Limits

- 210°F (99°C) min. **Error! Bookmark not**
- Pass at 0°F (-18°C)
- 45 max.
- 0 mm.
- 1000% min.
- 30 minute max.
- 400°F (204°C)
- 325-400°F (163-204°C) **Error! Bookmark not**

INSTALLATION The unit weight of Crafcro Superflex HT is 8.8 lbs./gal. (1.05 kg/L) at 60°F (15.5°C). Prior to use, the user must read and follow Installation Instructions for Superflex Sealants to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each pallet of product. **Error! Bookmark not defined.**

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PRODUCT DATA SHEET
ROADSAVER LOW TACK

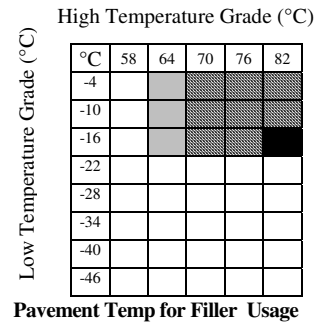
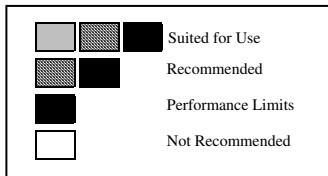
PART NO. 34543

JANUARY 2008

READ BEFORE USING THIS PRODUCT

GENERAL RoadSaver Low Tack is a single component, hot-applied petroleum based product which is used to fill cracks in both asphalt and portland cement concrete pavements in moderate to hot climates. RoadSaver Low Tack is supplied in solid form which when melted and properly applied forms a high stiffness, adhesive and flexible compound that resists cracking at winter temperatures and is highly resistant to flow or pick-up at extreme summer temperatures. RoadSaver Low Tack can be used in highway, street, airfield and parking lot pavements. It can be applied to pavement cracks using either pressure feed melter applicators or pour pots. At application temperature it is a free flowing, self-leveling product. RoadSaver Low Tack is specifically formulated to be a stiff, flow resistant, yet flexible product which is suited for use in areas subject to slow moving vehicle traffic where high resistance to pick-up or tracking is required. VOC = 0 g/l.

USAGE GUIDELINES RoadSaver Low Tack pavement temperature performance limits are 82-16 for crack filling. 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 use and pavement temperature grades.



SPECIFICATION CONFORMANCE RoadSaver Low Tack meets the following requirements of ASTM D6690, Type I, "Joint and Crack Sealants, Hot-applied, for Concrete and Asphalt Pavements", (formerly ASTM D1190, AASHTO M173 and Federal Specification SS-S-164). Specifications as follows:

Test

- Cone Penetration
- Softening Point
- Asphalt Compatibility
- Recommended Pour Temperature
- Maximum Heating Temperature

Additional specifications when heated to the maximum heating temperature in accordance with ASTM D5167:

- Resilience, (ASTM D5329)
- Softening Point (ASTM D36)
- Ductility, 77°F (25°C)(ASTM D113)
- Flexibility, 0°F (-18°C), 180 degree
- 5 sec., 1/2" (12 mm) dia. (ASTM D3111)

ASTM D6690, Type I Spec. Limits

- 90 max.
- 176F (80C) min.
- Pass
- 380°F (193°C)
- 400°F (204°C)
- 30% min.
- 200°F (93°C) min.
- 50 cm min.
- Pass

INSTALLATION The unit weight of RoadSaver Low Tack is 10.6 lbs. per gallon (1.27 kg/L) at 60F (15.5C). Prior to use, the user must read and follow Installation Instructions for Hot Applied RoadSaver, PolyFlex, Parking Lot and Asphalt Rubber Products to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each pallet of sealant.

PACKAGING Packaging consists of individual boxes of product which are palletized into shipping units. Boxes contain a non-adherent film which permits easy removal of the sealant. Each pallet contains 72 boxes which are stacked in six layers of 12 boxes per layer. The weight of product in each box does not exceed 40 lbs. (18kg) and pallet weights do not exceed 2,880 lbs. (1310kg). Pallets of product are weighed and product is sold by the net weight of product. Product boxes are manufactured from double wall kraft board producing a minimum bursting test certification of 350 psi (241 N/cm²) and using water resistant adhesives. Boxes use tape closure and do not contain any staples. Boxes are labeled with the product name, part number, lot number, specification conformance, application temperatures and safety instructions. Palletized units are protected from the weather using a three mil thick plastic bag, a weather and moisture resistant cap sheet and a minimum of two layers of six month u.v. protected stretch wrap. Pallets are labeled with the product part number, lot number and net weight. Installation Instructions are provided with each pallet in a weather resistant enclosure.

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