

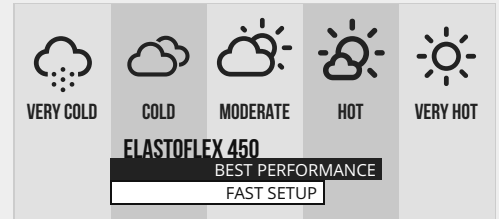
MAXWELL PRODUCTS

ELASTOFLEX 450

DATA SHEET

MAXWELL PRODUCTS, INC.
SALT LAKE CITY, UT
800.266.2090

Elastoflex 450 is a hot applied, polymer modified crack and joint sealant for use with asphalt and concrete pavements. This product applies and sets up best in up to moderate temperatures, and is highly durable in cold to hot climates. Elastoflex 450 is quick melting. Formulated with a high recycled rubber content with a high viscosity to resist excess flow during application, it is ideal for highways, county roads and airports. Elastoflex 450 is a great value for stretching pavement maintenance dollars.



SPECIFICATION

| TEST METHOD: | RESULT: |
|---|------------------|
| CONE PENETRATION : 77°F (25°C), 150G, 5S : ASTM D5329 | 50 DMM MAX |
| CONE PENETRATION : 39°F (4°C), 200G, 60S : ASTM D5329 | 15 DMM MIN |
| SOFTENING POINT : ASTM D36 | 200°F (93°C) MIN |
| FLEXIBILITY : 1 IN (25MM) MANDREL, 90 DEG BEND, 2S : ASTM D3111 | PASS 0°F (-18°C) |
| TENSILE ADHESION : 77°F (25°C) : ASTM D5329 | 500% MIN |
| DUCTILITY : 77°F (25°C) : ASTM D113 | 30 CM MIN |
| RESILIANCE : 77°F (25°C) : ASTM D5329 | 30% MIN |
| ASPHALT COMPATIBILITY : 140°F (60°C), 72 HR : ASTM D5329 | PASS |
| MEETS REQUIREMENTS OF: ASTM D5078 | |

APPLICATION INSTRUCTIONS

Read and follow application instructions before use. This product must be heated using indirect heating methods, either a double boiler or hot oil circulating kettle. Equipment must have means of maintaining constant agitation to the material.
Maximum safe heating temperature: 400°F (204°C).
Recommended application temperature: 380°F (193°C).

WARRANTY

Maxwell Products, Inc. warrants that our products will be free from defects in material or workmanship and will conform to our published specifications at the time of shipment. Due to the many differing procedures used in preparing and installing materials, and differing surfaces on which our products may be applied, Maxwell Products assumes no liability for the failure of our products due to improper surface preparation, surface composition, installation, equipment failure or operator errors. In the event our products fail to conform to our published specifications at the time of shipment, we will, at our expense and sole option, replace our defective product or give you a full or partial refund of the purchase price from Maxwell Products. Claims must be made within three (3) months of the date of purchase. MAXWELL PRODUCTS HEREBY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY AND ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

Generated June 19, 2026.

Please visit https://maxwellproducts.com/print_product_sheet/21/Elastoflex-450/61/Elastoflex-450-Spec for the current version of this document.

