

ECO-FLEX 9500

PERFORMANCE ADHESIVE & SEALANT



Description

Eco-Flex (9500) is a one component, high modulus, mildew resistant multipurpose silyl-terminated polyether (hybrid) elastomeric sealant and adhesive. When fully cured, this unique VOC compliant formula offers UV stability and firm bonding to many common substrates. This product is specifically formulated to offer all weather performance to meet today's Green Building Standards. The eco-friendly adhesive sealant is Volatile Organic Content compliant, non-corrosive and contains no solvents or isocyanates. Cured sealant is non-toxic and non-hazardous. Conforms to California Prop. 65 Listed Chemicals.

Features & Applications

VOC Compliant
Contains No Solvents or Isocyanates
Color Stability
UV Resistant
Non-Yellowing/Staining
Resistant to Most Chemicals
Excellent Adhesion
Adhesion to Kynar®
Non-Corrosive
Paintable
Flexible & Durable
Will not Shrink or Crack
Class 25

Sealing openings & Exterior Surfaces
HVAC/R
Plumbing
Roofing
Kitchen & Bath
Countertops
Sanitary Seals
Precast Concrete
Industrial Gaskets
Transportation Seals
Appliance Trim & Parts
Above Grade
Window & Door

Packaging & Case Qty

10.3 oz cartridges	24
5 gallon pails (4.5 gal)	1
55 gallon drums (52 gal.)	1

Specifications

ASTM C920 Type S, Grade NS, Class 25, Use NT, A, G; TT-S-00230C, USDA Approved, AAMA 808.3, 805.2, 803.3 (Type I), 802.3 (Type II).



PHYSICAL PROPERTIES		TEST METHOD
Cure System	Hybrid, Moisture Cure	
Movement Capability, %	±25%	ASTM C-719
Modulus	High	ASTM D-412
Physical Properties (cured)	Rubber	
Specific Gravity	1.66	
Extrusion Rate, g/min.	250	ASTM C-1183
1/8" orifice @ 50 psi		Modified
Temperature Range	-75 to 220° F	
Intermittent Temperature Range	250° F	
Accelerated Weathering (10,000 hrs)	UV A, No Change	QUV Weatherometer
Skin Over Time (min)	30*	SILCO Method
Tack Over Time (min)	60*	ASTM C-679
Cure Rate	1/8" per 24hrs*	SILCO Method
Tensile Strength (psi)	200 min	ASTM D-412
Elongation %	300 min	ASTM D-412
Durometer Shore A	35 ± 5	ASTM C-661
Shelf Life (months)	12	
Volatile Organic Content	18 gr./liter	

*All Properties derived from lab conditions (77° F at 50% relative humidity)

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected. Customer testing is recommended prior to full use.

Available Colors: Clear, White, Bright White, Off White, Stone White, Canvas, Sierra, Blue White, Champion Beige, Sand Beige, Tan, Cashmere, Driftwood, Desert Tan, Sandtone, Latte, Monterey Taupe, Pebble Gray, Sonora Beige, Spanish Brown, Bahama Brown, Cocoa Bean, Bronze, Red Rock, Terratone, Gray, Forest Green, Black, Natural (custom colors available upon request)