

ECO-FLEX 9500 (Hybrid)

HIGH PERFORMANCE 1-PART ELASTOMERIC HYBRID ADHESIVE SEALANT

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 PVC, concrete, glass, aluminum, painted surfaces, wood, plywood, marble, metal, plus many other common substrates. This product is specifically formulated to offer all weather performance to meet today's Green Building Standards.

FEATURES & BENEFITS

- Excellent Adhesion
- Adhesion to Kynar®
- Non-Corrosive
- Paintable
- Flexible & Durable
- Will Not Shrink or Crack
- VOC Compliant
- Contains No Solvents or Isocyanates
- Color Stability and UV Resistant (ASTM G26)
- Non-Yellowing/Staining
- Resistant to Most Chemicals

CONSTRUCTION & INDUSTRIAL APPLICATIONS

Sealing Openings & Exterior Surfaces	Precast Concrete
HVAC/R	Industrial Gaskets
Plumbing	Transportation Seals
Roofing	Marine Cabins
Kitchen & Bath	Appliance Trim & Parts
Countertops	Interior/Exterior
Sanitary Seals	Above Grade



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

AVAILABLE COLORS: Clear, White, Black, Gray, Bronze, Tan, Sand Beige (custom colors available upon request)

PHYSICAL PROPERTIES

TEST METHOD

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.	320	ASTM C-1183
1/8" orifice @ 50 psi		Modified
Temperature Range	-75°F to 220°F	
Intermittent Temperature Range	250°F	
Accelerated Weathering (2,000 hrs.)	UV-A, No Change	QUV Weatherometer
Skin Over Time (min)	20*	MNA Method
Tack Over Time (min)	40*	ASTM C-679
Cure Rate	1/8" per 24hrs*	MNA Method
Tensile Strength (psi)	225	ASTM D-412
Elongation %	450-500	ASTM D-412
Durometer Shore A	46	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.

