

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
- HVAC/R
- Plumbing
- Roofing
- Kitchen & Bath
- Countertops
- Sanitary Seals
- Precast Concrete
- Industrial Gaskets
- Transportation Seals
- Marine Cabins
- Appliance Trim & Parts
- Interior/Exterior
- 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%
Modulus	High
Physical Properties (Cured)	Rubber
Specific Gravity	1.66
Extrusion Rate, g/min.	320
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
Skin Over Time (min)	20*
Tack Over Time (min)	40*
Cure Rate	1/8" per 24hrs*
Tensile Strength (psi)	225
Elongation %	450-500
Durometer Shore A	46
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.

