

# ULTRA-FLEX (Neutral)

## ALL-WEATHER 1-PART PREMIUM SEALANT

Ultra-Flex is a one component, medium modulus, neutral cure silicone sealant and adhesive. The thicker formulation makes this product perfect for exterior construction applications. When fully cured, this unique VOC compliant formula offers UV stability and tenacious adhesion to pvc, concrete, glass, aluminum, painted surfaces, wood, plywood, stucco, building paper, window wrap, fiber cement, brick, stone, masonry plus many other common material surfaces. This product is specifically formulated to offer all weather performance to meet today's Green Building Standards.

### FEATURES & BENEFITS

Ideal for Window, Door, Siding & Gutter Installation  
 Waterproof  
 UV & Mildew Resistant  
 Excellent Tooling  
 Non-Corrosive  
 Low Odor  
 Solvent Free  
 Cures to a Flexible Rubber  
 Superior Joint Movement  
 Will not Shrink or Crack

### CONSTRUCTION & INDUSTRIAL APPLICATIONS

Seal Openings & Exterior Surfaces  
 HVAC/R  
 Plumbing  
 Roofing  
 Lap Siding & Exterior Trim

Sanitary Seals  
 Precast Concrete  
 Industrial Gaskets  
 Transportation Seals  
 Marine Cabins  
 Appliance Trim & Parts Above Grade



**MEETS SPECIFICATIONS:** ASTM C920 Type S, Grade NS, Class 25, Use T,A,M,G,I - class 1; TT-S-00230C (COM-NBS), TT-S-01543A (COM-NBS), MIL-A-46106A, AAMA 808.3, 805.2, 803.3 (Type I), 802.3 (Type II).

**AVAILABLE COLORS:** Clear, White, Tan, Dark Bronze (custom colors available upon request)

### PHYSICAL PROPERTIES

### TEST METHOD

Cure System	Neutral/Oxime	
Movement Capability, %	±25%	ASTM C-719
Modulus	Medium	ASTM D-412
Physical Properties (Cured)	Rubber	
Specific Gravity	1.35	
Extrusion Rate, g/min.	200	ASTM C-1183
1/8" orifice @ 50 psi		Modified
Temperature Range	-62°F to 350°F	
Intermittent Temperature Range	400°F	
Accelerated Weathering (10,000 hrs.)	No Change	QUV Weatherometer
Skin Over Time (min)	15*	MNA Method
Tack Over Time (min)	25*	ASTM C-679
Cure Rate	1/8" per 30hrs*	MNA Method
Tensile Strength (psi)	310	ASTM D-412
Elongation %	410	ASTM D-412
Durometer Shore A	35	ASTM C-661
Dielectric Strength kv/mm (v/mil)	20 (500)	
Dielectric Constant at 100 Hz	2.7 @ 96	
Shelf Life (months)	18	
Volatile Organic Content	40 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.

