



**PRODUCT DATA**

**810.11**  
**HIGHWAY REFLECTOR ADHESIVE**

**DESCRIPTION**

810.11 is a high-strength, tacky, instant grab, butyl adhesive used for attaching reflective lenses to pavement lane markers. 810.11 is designed for bonding asphalt, plastic, glass, metals, epoxy, wood and cloth to themselves and each other.

**PROPERTIES**

Property	Test Method	Typical Values
Color	ASTM D1729	Black
Odor		None
Service Temperature		-20°F to 200°F
Cone Penetration, 300 g	ASTM D217	60 – 75 dmm
Hardness – Shore OO	ASTM C661	80 ± 3
% Solids	ASTM C771	>99% by weight
% Ash		>40% by weight
Specific Gravity	ASTM D297	1.42 ± 0.05 g/cm <sup>3</sup>
Weight per Gallon		11.8 pounds per gallon
Tensile Strength	ASTM C907	35 psi with adhesive failure
Tensile Strength	TP-023	60 – 100 pounds
180-degree Peel Adhesion	ASTM D903, 15-min dwell	HDPE: 6.9 pounds/inch
Rolling Ball Tack Test	ASTM D3121	< 2.5-inches
Shelf Life		Minimum 1-year when stored in the original container at normal warehouse temperatures.

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