



## PRODUCT DATA

# 810.11 HIGHWAY REFLECTOR ADHESIVE

### DESCRIPTION:

810.11 is a high-strength, tacky, instant grab 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	65 – 70 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	>50 psi, cohesive failure
180-degree Peel Adhesion	ASTM D903, 15-min dwell	HDPE: 6.9 pounds/inch
Rolling Ball Tack Test	ASTM D3121	<10-inches
Shelf Life		Minimum 1-year when stored in the original container at normal warehouse temperatures.

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