

Physical Properties

Appearance Semi-solid	Cone Pen Viscosity 105 - 115	Solids By Weight 99.9%
Color Blue	Flash Point >400°F	Specific Gravity @ 77° F (25°C) 1.6 (ASTM D-71)

Description

RN109 - RAM-NEK FR is used to seal joints in utility vaults, above and below-ground fuel containment structures, airport projects, concrete pipe and manholes, septic tanks, grease pits and other high risk applications where fuel and oil might be present.

Features:

- Provides a permanently flexible watertight seal in environments where hydrocarbons such as gasoline, jet fuel, and/ or oil are present.
- Sealed joints will not shrink, harden, or oxidize upon aging.
- Material does not require a designed control joint to function.
- Excellent chemical and mechanical adhesion to dry, clean surfaces.

Chemical Resistance Table

Immersion Testing

RN109 - RAM-NEK FR will have the following typical results when exposed to the following medias when submerged:

Material	Solution Concentration	Results
Gasoline	100%	No Degradation
Jet A Fuel	100%	No Degradation
JP-4 Fuel	100%	No Degradation
Kerosene	100%	No Degradation
Motor Oil	100%	No Degradation
Transmission Fluid	100%	No Degradation
Brake Fluid	100%	Very Slight Swell
Cooking Oil	100%	No Degradation
Mineral Spirits	100%	No Degradation
Methyl Ethyl Ketone	100%	Excess Swelling
Toluene	100%	25% Swell
Tri Chlorethane	100%	Excess Softening
Alcohol	100%	No Degradation
Anti-Freeze	100%	No Degradation
Runway De-icers	100%	No Degradation
Cleaning Detergents	100%	No Degradation
Insecticides	100%	No Degradation
Fertilizers	100%	No Degradation

Product Sizes

4 (1.5in x 10.5ft) COILS/CASE (40

6 (1in x 14.5ft) COILS/CASE (50 lb)