

## Technical Data Sheet UV FOG 703

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### Product Description

**Hernon® UV FOG (Form on Gasket) 703** is an EB/UV curable product that provides excellent adhesion to shaft seals, oil seals, metals, glass, ceramics and plastics. Can be used as a Form-in-place gasket in oil and coolant systems. Typical applications include Engine covers, Oil pans and other fluid seal systems.

### Typical Properties (Uncured)

Property	Value
Appearance	Amber
Viscosity @ 25°C, cP	700 to 1000
Tack Free Time, seconds	≤ 5
Specific Gravity	1.06
Flash Point	See MSDS

### Typical Properties (Cured)

Property	Value
Hardness, Shore A	10 to 25
Temperature Range, °F (°C)	-40 to 302 (-40 to 150)
Fixture time, glass / steel	≤ 5 secs

### Shear strength, psi

Substrate	Value
Glass to Glass	>= 100
Glass to Steel	>= 100

### Fluid Compatibility

Cured Material aged under condition indicated

Fluids	Temp (°C)	% Pliability after		
		72 h	500 h	1000 h
Dextron III / VI ATF	150	100	100	90
Transmission Fluid	150	100	100	90
Water	22	100	100	90
Antifreeze 50/50	22	100	100	90
Motor Oil	22	100	100	100
Synthetic Motor Oil	22	100	100	100

### Directions for Use

Apply a small amount of material around the areas to be sealed. Apply enough material to fill the voids. Cure the material with a high intensity UV lamp for 3 – 5 seconds at 365 nm.

### Storage

**UV Fog 703** can be stored in a dry location in unopened containers at a temperature between 46°F to 82°F (8°C to 28°C) unless otherwise labeled. Avoid direct exposure to sunlight or fluorescent lighting. To prevent contamination of unused material, do not return any material to its original container.

### Cleanup

Uncured **UV Fog 703** should be cleaned up with absorbent material and placed in a closed container for disposal. Small areas can be cleaned up by curing the product prior to disposal by exposing the product to UV cure, light or sunlight. Afterwards the area can be scraped and washed with soap and water.

### Dispensing Equipment

**Hernon®** offers a complete line of semi and fully automated dispensing equipment. Contact **Hernon® Sales** for additional information.

### General Information

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.**

**For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).**

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