

## WS-303 (FK) Hot-Applied Windshield Sealant

### Description

WS-303 (FK) is a one-part, moisture-cured, hot-applied, Direct Glaze urethane sealant for installing stationary glass, such as windshield, backlite, and side window glass in automobiles.

This adhesive sealant cures at room temperature by reaction with moisture in the air to a high tensile elastomer and provides permanent bonding of window glass to painted automobile bodies. The unique properties of this hot applied product provide improved "green strength" over standard viscosity urethane. A high green strength allows the product to hold glass firmly until the sealant develops adhesion strength; this prevents the glass from being moved, and can eliminate glass supporting parts.

### Typical Properties-(Not a Specification)

Color	Black
Weight/gallon, lbs.	10.4
Consistency	Pumpable heavy paste
Solids content %	99
Thixotropy	Non Sag, No slump
Tack-free times, minutes	
@20°C, 65%RH	<30
Cure-through rate, mm	2
(After 5 hrs. @20°C, 65%RH)	
Hardness, Shore A	63
Tensile strength, Kg/cm <sup>2</sup>	65
Ultimate Elongation, %	420
Shear Adhesion, Kg/cm <sup>2</sup>	65
Weather Resistance	Excellent

#### Green Strength Kgf/cm<sup>2</sup>

5 minutes	.45
10 minutes	.5
30 minutes	.7
60 minutes	2

## Application Instructions

After both body and glass side primers have been allowed to dry, apply a sealant bead of the specified size and shape evenly along the primed surface. It is easily pumped and applied by standard hot-applied sealant dispensing equipment.

## Shelf Life

Six (6) months after date of manufacture, when stored at room temperature in original unopened container.

## Storage and Handling

Store in cool, dry area. See Safety Section for safe handling instructions.

## Safety Precautions

YH America's urethane windshield sealant is for industrial use only: Always use protective goggles, gloves and appropriate work clothing when handling. Avoid eye and skin contact. Wash thoroughly after handling. Use with adequate ventilation. Refer to the Material Safety Data Sheet for more information.

## Availability

The product is available in 55 gallon drums and 5 gallon pails. The product is shipped from our Versailles, Kentucky plant.