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# SS-988

## Product Description

SS-988 is a non-curing coupling gel developed to eliminate losses in fiber optic cable splices. As an optical couplant, it is transparent and offers high clarity and transmission. SS-988 offers temperature stability from -60 - 400°C.

## Product Features

- Non-curing gel
- Transparent
- Reduces Fresnel reflections
- Water insoluble
- Makes interfaces invisible
- Allows parts to be decoupled for repair or splicing

## Typical Applications

- Fiber optics
- Electro optics
- Lens assemblies
- Light sensing instruments

# Optical Coupling Gel

## Typical Properties

<b>Color</b>	<b>Clear</b>
<b>Refractive Index</b>	<b>1.466</b>
<b>@ 25°C</b>	
<b>Specific Gravity</b>	<b>1.06</b>
<b>Penetration</b>	<b>300</b>
<b>Light Transmittance @ 1 cm</b>	
300 nm	99.45%
400 nm	99.99%
450 nm	99.99%
500 nm	99.99%
633 nm	99.99%
850 nm	99.99%
1310 nm	99.65%
1550 nm	99.38%

## Service Temperature

-60 to 400°C

## Packaging

SS-988 is available in 1 oz tubes, 3 oz tubes and 1 lb jars. This product is also available in customer defined packaging upon request.

## **Handling and Safety**

**For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured sealant irritates eyes and skin. Refer to the SDS.**

## **Shelf Life**

**Sealed containers are guaranteed for 12 months from the ship date when stored in a freezer <32°F.**

## **Limited Warranty**

**All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as warranty, either expressed or applied. User shall rely on his/her own information and tests to determine suitability of the product for the intended use, and the user assumes all risk and liability resulting from the use of this product. Manufacturer's sole responsibility shall be to replace that portion of product that the manufacturer proves to be defective. Manufacturer shall not be liable to the buyer or any third party for injury, loss or damage directly or indirectly resulting from the use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding by the manufacturer.**

**This product has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses which implantation within the human body is intended.**

**\*\*\*\*\*Customized versions available upon request\*\*\*\*\***