



# FISil SI 105 Re-Enterable Gel

## FEATURES & BENEFITS

- 100% Solids / Solvent free
- Exceptionally fast cure
- Convenient 1:1 mix ratio
- No corrosive by-products
- Environmentally friendly
- Low shrinkage
- Virtually no exotherm

## APPLICATIONS

- Gel filled splicing kits
- Outdoor junction boxes
- Buried or exposed electrical connections
- “Clam-shell” enclosures
- Cable splicing units

## AVAILABILITY

- 55-Gallon Drums
- 5-Gallon Pails
- 600 ml Side-by-side cartridges

## STORAGE / SHELF LIFE

SI100 may be stored in original, unopened containers at, or below, 75F for up to one (1) year.

## DESCRIPTION

Star Technology FISil SI105 is a clear, re-enterable, silicone based protective gel for electrical / electronic enclosures, junction boxes and terminal blocks. Extremely hydrophobic, FISil SI105 provides an excellent water-tight seal in buried or outdoor applications.

## TYPICAL PROPERTIES

Physical Property	Test Method	Performance Range
Appearance (mixed)	Visual	Clear liquid
Mix Ratio		1:1 By Volume (1:1 By Weight)
Viscosity Part A Part B	Brookfield	2000—2500 cps 1000—1500 cps
Specific Gravity		0.96—1.06
Worklife @ 25C		<15 minutes
Cure Time @ 25C		3-4 Hours
Service Temperature		-40C to 205C (-40F to 400F)
Stretch (Pull)	Internal Test	3.5 – 4.75 Inches

## ADDITIONAL INFORMATION

- Refer to Technical Bulletins for additional mixing, curing and handling procedures.
- As with any platinum-catalyzed silicone gel, the cure may be inhibited. Always check compatibility. Refer to Technical Bulletin for information.
- Even when fully cured, re-enterable gels are extremely soft and tacky; however, uncured liquid may indicate cure inhibition or improper mixing.
- Not recommended for surfaces that are to be painted.

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