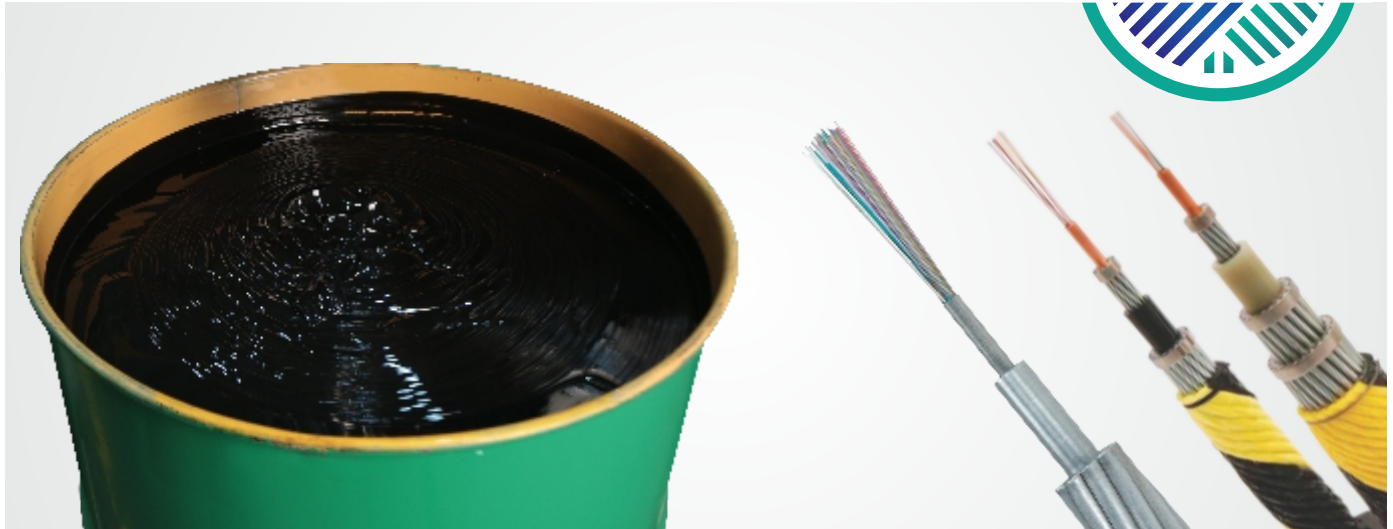


## INFO-GEL - SUB HX

### Filling Gel for Telecom Cable



#### Description

**Infogel SUB-HX** Thixotropic Filling Gel is water blocking compound with Hydrogen Scavenger Property. It comprised of Synthetic Oil and has been formulated with polymers, thixotropic agents and special additives to meet required rheology (Thixotropy), thermal stability & H<sub>2</sub> absorption property. Gel may be pumped with usual metering pump devices, at room temperature (cold filling technology). Consistent quality ensures high-speed, trouble-free production.

The chemical properties of the **Info-gel SUB-HX** compound remain stable for a very long period if kept in temperature ranges between -50°C up to +100°C. It is Non-Toxic, absorbs hydrogen and is Free of Bubbles.

#### Product Application

**Info-gel SUB-HX** is suitable for filling all the optical fibre cables used in harsh environments including: Deep Sea, OPGW, Submarine, and Down-Well applications. This Gel is an excellent water blocker even at higher pressure. **Info-gel SUB-HX** gel absorbs any hydrogen generation during cable production or during service life of the cable, protecting fiber from effect of hydrogen. They are available in a range of viscosity to meet specific processing and performance requirements. This gel can be pumped at room Temperature for High Speed Trouble Free Performance.

Cables manufactured with **Info-gel SUB-HX** will show an excellent balance of properties and will pass both attenuation test at low temperature and oil separation or drip test at high temperature. Compatible with most of the associated cable materials The compound does not affect thoroughly dried or cured inks generally used for optic fiber coating. No impairment of splicing techniques. The compound remains flexible at low temperature (-50°C)

