

## INFO-GEL - LA 444

### Filling gel for Telecom Cable



#### Description

**Infogel LA 444** Thixotropic Filling Gel is transparent water blocking compound. It comprised of Synthetic Oil and has been formulated with polymers, thixotropic agents and special additives to meet required rheology (Thixotropy) and thermal stability. 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 LA 444** compound remain stable for a very long period if kept in temperature ranges between  $-60^{\circ}\text{C}$  up to  $+85^{\circ}\text{C}$ . It is Non-Toxic, does not generate hydrogen and is Free of Bubbles.

#### Product Application

**Info-gel LA 444** is suitable for filling buffering tubes for most common types of optical fiber cable such as loose tube, slotted core, ribbon, OPGW etc. **Info-gel LA 444** is specially being used to manufacture cable with PP based buffer tubes. 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 LA 444** 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 ( $-60^{\circ}\text{C}$ )

