

INFO-GEL - K551

Filling gel for Telecom Cable



Description

Info-gel K-551 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 K-551** compound remain stable for a very long period if kept in temperature ranges between -50°C up to $+85^{\circ}\text{C}$; short exposure to temperatures up to 300°C will not affect them. It is Non-Toxic, does not generate hydrogen and is Free of Bubbles.

Product Application

Info-gel K-551 is suitable for filling buffering tubes for most common types of optical fiber cable such as loose tube, uni-tube, ribbon, etc, especially for tubes made with polypropylene. 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 K-551** 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).

