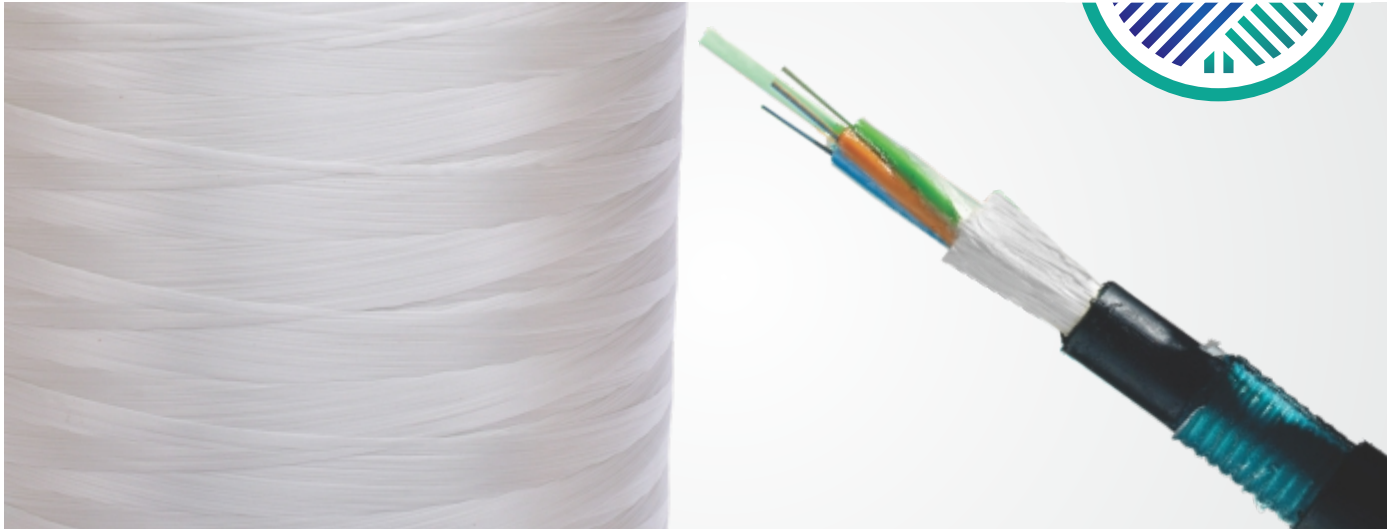


## INDOFLEX WB – Water Blocking Glass Fiber

### Reinforcement for Telecom Cable



#### Description

**INDOFLEX WS** is manufactured using E-glass fibre with proprietary resin systems and super absorbent polymer to produce an innovative, value added reinforcement solution with superior water blocking properties. This product is manufactured using an advanced water blocking coating technology, eliminating loose fibers or powder traces on the surface during cable production at very high speeds achieving excellent productivity and handling characteristics. It swells instantly on contact with water thereby sealing all the voids even in harsh & hostile environments and has a very high swell strength which is suitable to withstand higher water pressure, important for highly sensitive optic fibers.

It has a very high strength to weight ratio resulting in light weight cables with utmost ease of handling. It is available in long continuous lengths with tex (gm/Km) ranging from 600 to 2400.

#### Product Application

**INDOFLEX WS** has dual functionalities of very high strength & excellent water swellable characteristics. It is most suited for uni- tube, loose tube & slotted core cables & typically used as peripheral reinforcement in fibre optic cables along with FRP Rod. It is introduced over the loose tube and the cable manufactured with it would be lower in diameter, lighter in weight with high degree of flexibility, excellent tensile modulus performance along with protection against water damage. This product is a cost effective alternative to gels, greases & tapes, especially where dry cable is desirable.

Typical Water Absorbing Performance

