

# PolyOil Umbilical Poly-Tector

Data Sheet



## PolyOil Umbilical Poly-Tector

In response to a market requirement for a safe, easy to use and reliable 'in-riser' umbilical protector, PolyOil® developed the PolyTector® umbilical protector. Since the initial pioneering applications, its industry acceptance has been rapid, with several operator and service company users in many countries. Essentially two versions are available; to suit threaded and coupled landing strings and also drillpipe running strings. Most common tubular sizes are available, and these can be supplied to suit exact umbilical sizes or configurations.

These custom designed and manufactured units are moulded in a unique low density polymer which gives them the ability to float, therefore making retrieval simple in the unlikely event of one becoming detached or damaged.

## Specifications

### Application

- Workovers
- Landing strings
- Completion & tree running
- Inside riser
- Subsea intervention
- Tubing mounted
- Drill pipe mounted
- Multiple umbilical
- External to riser

### Material and Design

PolyOil® use a range of high impact wear resistant materials which by their unique processing methods make them the toughest available.

The natural properties of the polymers make them low weight, safe and easy to handle and resiliency makes them kinder on all other equipment such as wellheads, tubular handling equipment, and the marine riser etc.

Because of the weight efficiencies, the product can be designed to be geometrically optimised; yet still of a manageable and safe working weight, without the need for any special fitting or lifting aids. The concept has been well received with most clients using the same units repeatedly to realise significant cost savings.

### Key Features

- Hinged design allows fast fit and retrofiting
- Light weight – safe handling & fitting at rig site
- Proven impact & wear resistant and low friction material
- More protective to delicate equipment than metals
- Does not corrode
- Reduced cost through slicker deployment and job success
- Sleek and stable shaped designs less likely to hang-up
- Buoyant – special low SG material - floats in event of problems
- Outstanding Umbilical Cable protection – resilient material
- Far easier and safer handling at rig site – very light weight
- Proven to be easily fitted to tubing / landing string
- Reusable

### Availability

Current designs are available in very short lead times. Variants of standard designs or completely new or special application designs can also be completed within very short leadtimes when required.

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