

FL340 Subsea Bearing Sleeper Pads - T Bearings

Fluorinoid® FL340 Material

Fluorinoid® FL340 polymer is used as a capping bearing in subsea pipe cross over sleepers.

Fluorinoid® FL340 is chosen for this application due to its very high abrasion resistance, inertness to marine growths and low coefficient of friction.

Fluorocarbon are able to supply Fluorinoid® FL340 manufactured to bespoke finished dimensions.

Friction wear on pipe lines insulated coating, high voltage power cables and high temperature pipe lines situated on the sea bed can cause damage where they have to cross over existing pipes and power cables.

Concrete or steel structures are designed to be situated at these cross over points to carry the pipes and cables which are continually expanding and contracting due to temperature variations.

Testing and Approvals

The abrasion resistance has been qualified on purpose build environment (including sand) simulated equipment.

The system has been tested in house on our specialised equipment to prove the friction characteristics and wear properties in varying conditions.

The T Bearings can be manufactured to bespoke requirements, and machined to fit on the top of the concrete or steel structures.



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