

3C1174 in dynamic submarine cable

3C1174 Semiconductive submarine waterblocking tape

About the customer

TKF has developed from a local Dutch cable producer to a cable technology leader servicing customers all over the world.



Cable design

Copper 0,6/1kV 3x 240mm² + 2x 16mm² + optical fiber design for dynamic submarine cable.



Project: Texel Tidal platform

The floating BlueTEC platform is generating clean electricity from the tides in the Wadden Sea of The Netherlands. The platform is installed offshore the island of Texel and is connected to the Dutch electricity grid by a dynamic submarine cable.

Solution

To ensure longitudinal water blocking properties for submarine application TKF uses Lantor 3C1174 underneath and over the copper wire screen.

Customer

TKF (The Netherlands)

3C1174 properties

- Excellent swelling and waterblocking
- Good aquamarine swelling
- Good bedding performance
- High tensile and tear strength

Applications

- Over insulation screen
- Under wire screen



Cable solutions

BBSH tapes

The perfect solution for many applications. Lantor tapes are used for bedding, binding, separation and heat-barrier applications.

Lantor tapes enable better performance of your cable.

Waterblocking tapes

Solutions designed to protect cables from water ingress. Lantor waterblocking tapes minimize the water penetration into the cable and deliver high quality performance on contact with water.

With our high standards and dedication to our products we ensure excellent water blocking performance in your cable.

Waterblocking yarns

Lantor waterblocking yarns are designed to perform on the most demanding production lines and have a tremendous absorption capacity with a fast swell rate and high tenacity.

LANTOR CORE INSIDE The Original European Quality



More information

Verlaet 22 – 3901 RG
Veenendaal - The Netherlands
T +31 (0)318 537 111

cable@lantor.com

 Lantor bv

www.lantor.com