

## 3E6035 in control cables

### 3E6035 Nonconductive separation tape

#### About the customer

ICS2 Ltd (Est. 2002) is a speciality cable producer based in their modern manufacturing facility in Dundee Scotland. The company has an extensive portfolio of over 1000 products and is globally active in the areas of subsea, marine, offshore, seismic, automotive, medical, security, industrial automation and control and bespoke solutions to exacting customer requirements.

With a reputation for design, materials technology, quality and service they are recognised as market innovators in their chosen fields of operation.

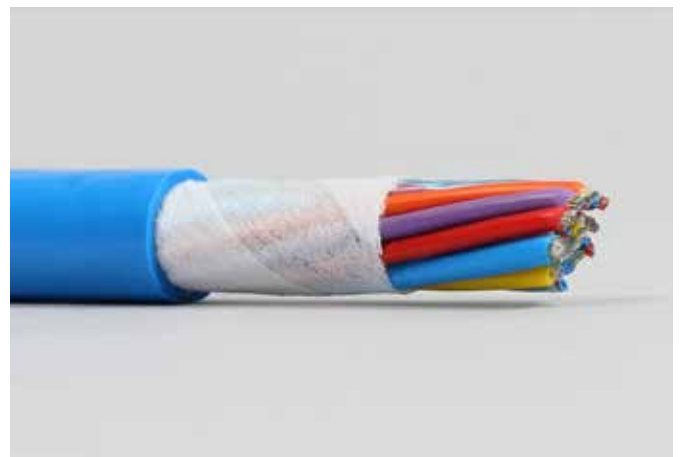
#### Cable design

A lightweight Data, Power & Video composite used in the marine industry where the requirement for flexibility and durability in hostile environments is required.

#### Solution

The 3E6035 nonconductive separation is used extensively across many of the sectors indicated above as a barrier and separator tape over the cable assembly and under the outer sheath of the cable, the inert properties of the tape make it ideal where higher temperature materials are used due to the flow characteristics of the polymer.

In addition on more traditional areas where higher flexibility is required ICS2 has replaced the common PET tape with Lantor nonwoven tape 3E6035. By using nonwoven tape 3E6035 as a separator tape, the end cable will have improved flexibility. In addition, the nonwoven tape is easier to process in terms of folding and wrapping the tape as it is less stiff and lightweight.



#### Customer

ICS2 Cables (UK)

#### 3E6035 properties

- Very thin and smooth material
- Flexible and lightweight

#### Applications

- Binding, separation and heat barrier
- Over the (multi-wire) cable core
- Between extruded layers
- Under the jacket



## 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

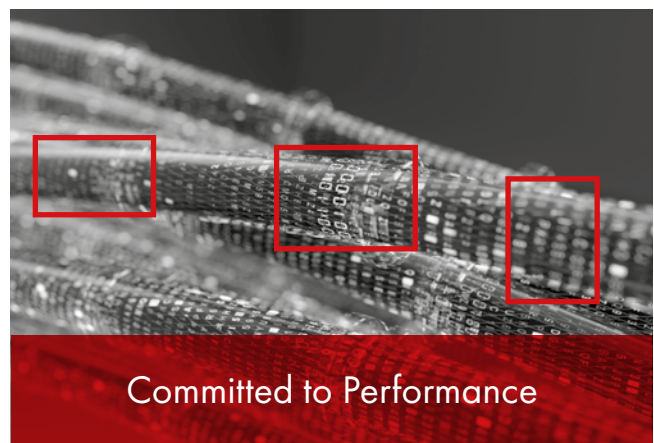
Solutions designed to protect cables from water ingress. Lantor waterblocking tapes minimize the water penetration into the cable and deliver high quality performance on contact with water.

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](mailto:cable@lantor.com)

 Lantor bv

[www.lantor.com](http://www.lantor.com)