

# TECHNICAL DATA SHEET

## **STOKBORD® UTILITY PROTECTION – COVER FORMAT – TYPE B**

### **Physical Properties**

Material composition: **Recycled polyethylene**

| Dimension | Test Method      | Specification                                                                                               |
|-----------|------------------|-------------------------------------------------------------------------------------------------------------|
| Length    | Tape measure     | As specified $\pm 10$ mm                                                                                    |
| Width     | Tape measure     | As specified $\pm 2$ mm                                                                                     |
| Thickness | Vernier calliper | As required to meet the specified Class 2 acceptance criteria as specified in Appendix A of ENA TS 12-23. * |

\*Note: Centriforce can manufacture products with increased thickness upon customer request.

### **Product Performance**

| Property              | Test Method                         | Result                              |
|-----------------------|-------------------------------------|-------------------------------------|
| Tensile Strength      | BS EN ISO 527-2:2012                | $\geq 8.4$ MN/m <sup>2</sup>        |
| Impact Resistance (1) | ENA TS-12-23 Issue 4 2018 + A1 2020 | Class 2                             |
| Impact Resistance (2) | BS 2484:1985 *                      | Pass                                |
| Impact Resistance (3) | BS EN 50520:2020 + A1:2021          | Pass                                |
| Density               | BS EN ISO 1183-1:2019               | 930 to 990 kg/m <sup>3</sup> @ 20°C |
| Melt Flow Index       | BS EN ISO 1133-1:2022               | 0.3 to 4.0 g/10 mins (2.16 kg)      |

\*Note: BS 2484:1985 has been withdrawn (since 2012) and not replaced by any other standard. Therefore, Centriforce will cease testing products in accordance with this standard after April 2026.

### **Compliance**

Stokbord® Utility Protection – Cover Format – Type B complies with and has been approved for the following specifications:

| Organisation                             | Specification                                    |
|------------------------------------------|--------------------------------------------------|
| Energy Networks Association (ENA)        | ENA TS-12-23 Issue 4 2018 + A1 2020              |
| SP Energy Networks                       | CAB-03-038 Issue No. 4                           |
| Scottish & Southern Electricity Networks | SP-NET-CAB-441 Revision: 2.00                    |
| Northern Powergrid                       | NPS/002/003 Version 6                            |
| Electricity Northwest                    | Electricity Specification 400TT1 Issue 1         |
| National Grid Electricity Distribution   | Engineering Specification EE SPEC:120 April 2024 |
| British Standards Institution            | BS EN 50520:2020 + A1:2021                       |
| UK Power Networks                        | ETS 02-1000 Version 8.0 (Class 2)                |



The information contained in this document is correct to the best of our knowledge. Users must establish for themselves that the products they are using are suitable for their projects. Centriforce Products Limited will accept no liability for any loss or injury resulting from the use of its products or materials.

Centriforce Products Ltd, 14-16 Derby Road, Liverpool, L20 8EE Tel: 0151 207 8100

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 **Centriforce**



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## Decoration

| Colour        | Test Method                    | Result                   |
|---------------|--------------------------------|--------------------------|
| Base material | Internal specification plaques | Black/grey               |
| Backing Film  | BS 5252:1976                   | Red/Brown 04D43 to 06D45 |
| Warning Tape  | BS 5252:1976                   | Yellow 10E53 to 10E56    |
| Warning Text  | BS 5252:1976                   | Black 00E53              |

## Warning Message

| Text                               | Test Method       | Result |
|------------------------------------|-------------------|--------|
| Wording and font size as specified | Visual inspection | Pass   |

New warning text and customer branding is subject to customer approval. A copy of the artwork will be attached to any quotation.

## Packaging

As standard, Stokbord<sup>®</sup> Utility Protection tiles are stacked face down on a 1200 mm x 1000 mm 4-way pallet. They are attached to the pallet by black shrink wrap to prevent UV damage to the tile edges and by 4-way straps (2 in each direction). The pallet is identified with a stock label and a Centriforce "QC approved" label, as well as a handwritten identification number, should the stock be lost in transit. Packaging specifications for export and individual customer requirements may vary. Please refer to Centriforce's standard packaging specification for further details.

## Manufacturer's Note:

This product is to be used specifically for the protection of underground utility cables and pipes. The product should be stored internally or kept covered and not exposed to direct sunlight. In the event of exposure to UV radiation there is a potential for colour fade, which would be expected over a 6-month period in the UK. We provide this advice based on currently available data and weather trends. It can take no account for exceptional years with regards to UV radiation or for any climate change.

*Centriforce's policy is one of continuous improvement and development. We reserve the right to change the product specification without notice at any time.*



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