



MGS Coreliner is a clear high impact PVC liner which is compatible with most core barrel sizes and used for traditional rotary drilling, percussion and rotary windowless sampling techniques to enhance sample recovery and integrity.

It is widely used within contaminated soil investigation to minimise the possibility of cross contamination between samples and strata.

## Applications

- Rotary drilling
- Fragmented strata
- Windowless sampling

## Features

- Easy to use
- Maintains core integrity & orientation
- Minimises cross contamination in contaminated soil
- Transparent for easy identification
- Protects core during transport
- Minimises core loss
- Easily cut on site to suit barrel length
- Unauthorised core interference readily determined
- Can be used for all windowless sampling tubes

## Specifications

| Property              | Unit              | Testing Method      | Value       |
|-----------------------|-------------------|---------------------|-------------|
| Material              | High Impact PVC   |                     |             |
| Density               | N/mm <sup>2</sup> | ASTM D792           | 1.32        |
| Tensile strength      | MPa               | BS 2782 method 320C | 40          |
| Vicat softening point | °C                | BS 2782 method 120B | 63          |
| Colour                |                   |                     | Transparent |
| Dimension tolerance   |                   |                     | + 0.15mm    |

| Specifications                     |                |                             |                         |
|------------------------------------|----------------|-----------------------------|-------------------------|
| Outside Diameter <sup>1</sup> (mm) | Core Reference | Wall Thickness <sup>2</sup> | Length <sup>3</sup> (m) |
| 37                                 |                | 1.0                         | 1.0                     |
| 47                                 |                | 1.0                         | 1.0                     |
| 57                                 |                | 1.0                         | 1.0                     |
| 67                                 |                | 1.0                         | 1.0                     |
| 77                                 |                | 1.0                         | 1.0                     |
| 78                                 |                | 1.0                         | 1.0                     |
| 87                                 |                | 1.0                         | 1.0                     |
| 101                                |                | 1.0                         | 1.0                     |
| 55                                 |                | 1.0                         | 1.0                     |
| 65                                 |                | 1.0                         | 1.0                     |
| 75                                 |                | 1.0                         | 1.0                     |
| 102                                |                | 1.0                         | 1.0                     |
| 117                                |                | 1.0                         | 1.0                     |
|                                    |                |                             |                         |
| 64.9                               |                | 1.0                         | 1.5                     |
| 65.7                               | HQ             | 1.0                         | 1.5                     |
| 78.2                               | 412            | 1.0                         | 1.5                     |
| 79.5                               | T6H/T6-101     | 1.0                         | 1.5                     |
| 84                                 | T2-101         | 1.0                         | 1.5                     |
| 87.9                               | PQ             | 1.0                         | 1.5                     |
| 92.4                               | PWF            | 1.0                         | 1.5                     |
| 94                                 | T6-116         | 1.0                         | 1.5                     |
| 102                                |                | 1.0                         | 1.5                     |
| 109.3                              | GEOBOR S       | 1.0                         | 1.5                     |
| 117                                |                | 1.0                         | 1.5                     |
| 123.8                              | T6-146         | 1.0                         | 1.5                     |
|                                    |                |                             |                         |
| 49                                 | NQ             | 1.5                         | 3.05                    |
| 65.7                               | HQ             | 1.5                         | 3.05                    |
| 72                                 | HWAF/T2-86     | 1.5                         | 3.05                    |
| 75                                 |                |                             |                         |
| 76.8                               | HWF            | 1.5                         | 3.05                    |
| 78.2                               | 412            | 1.5                         | 3.05                    |
| 79.5                               | T6H/T6-101     | 1.5                         | 3.05                    |
| 84                                 | T2-101         | 1.5                         | 3.05                    |
| 88.25                              |                |                             |                         |
| 82.4                               | PWF            | 1.5                         | 3.05                    |
| 94                                 | T6-116         | 1.5                         | 3.05                    |
| 102                                |                | 1.5                         | 3.05                    |
| 108.8                              | T6-131         | 1.5                         | 3.05                    |
| 109.3                              | GEOBOR S       | 1.5                         | 3.05                    |
| 112.8                              | SWF            | 1.5                         | 3.05                    |
| 123.8                              | T6-146         | 1.5                         | 3.05                    |

<sup>1</sup>Tolerance + 0.2mm; <sup>2</sup>Tolerance + 5mm; <sup>3</sup> Tolerance + 5mm