

# CABLE MATTING

## Cable Protection



### Features

- Class 'O' & LSOH rating
- Fine, closed cell structure
- High technical performance
- Resistant to mould, fungi and bacteria
- Light & flexible

### Benefits

CELLTEX Cable Matting is made from a fine closed cell foam, that is ideal for protecting cables in any underfloor or basket tray solution.

It is lightweight and flexible, and can easily be cut on site to accommodate varying cable paths, thus ensuring that the cabling does not become snagged, catch any pressure points, or become damaged through uneven floor levels.

Being closed cell ensures that the cables are protected from any moisture, or indeed flooding coming up from the concrete floor.

It is available in both Class 'O' and LSOH (Low smoke zero halogens) grade.

Class 'O' material conforms to fire standard Euroclass B-s3, d0, EN13501-1, and the LSOH material to Euroclass E, EN13501-1.

### Application

CELLTEX Cable Matting comes in a variety of thicknesses depending upon the type of solution required.

**6mm** is ideal for a basket solution

**13mm** is ideal for a direct to floor solution

**25mm** is ideal for a direct to floor solution, and also where high density of cabling will be laid.

Class 'O' and LSOH tape are also available for joining sheets together, preventing any loss of fire integrity in the join.

## CELLTEX LTD

### Technical Data – Class 'O'

|                      |                             |                    |
|----------------------|-----------------------------|--------------------|
| Temperature Range    | EN 14707 -165°C to +85°C    |                    |
| Thermal Conductivity | EN 13787, EN ISO 8497       |                    |
| Thickness ≤ 25mm     |                             |                    |
| -20°C                | = 0.031 W/mK                |                    |
| 0°C                  | = 0.033 W/mK                |                    |
| +20°C                | = 0.035 W/mK                |                    |
| +40°C                | = 0.037 W/mK                |                    |
| Thickness > 25mm     |                             |                    |
| -20°C                | = 0.034 W/mK                |                    |
| 0°C                  | = 0.036 W/mK                |                    |
| +20°C                | = 0.038 W/mK                |                    |
| +40°C                | = 0.040 W/mK                |                    |
| Corrosion problems   | EN 13468 pH neutral (7±0.5) |                    |
| Permeability         | EN 12086                    |                    |
| Thickness ≤ 25mm     | ≥10000                      |                    |
| Thickness > 25mm     | ≥7000                       |                    |
| Fire                 | EN 13501-1                  | Euroclass B-s3, d0 |

### Technical Data – LSOH

|                      |                                 |             |
|----------------------|---------------------------------|-------------|
| Temperature Range    | EN 14707 -165°C to +120°C       |             |
| Thermal Conductivity | EN 13787, EN 12667, EN ISO 8497 |             |
| -20°C                | = 0.036 W/mK                    |             |
| 0°C                  | = 0.038 W/mK                    |             |
| +20°C                | = 0.040 W/mK                    |             |
| +40°C                | = 0.042 W/mK                    |             |
| Corrosion problems   | EN 13468 pH neutral (7±0.5)     |             |
| Permeability         | EN 12086                        |             |
|                      | ≥3000                           |             |
| Fire                 | EN 13501-1                      | Euroclass E |

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# CABLE MATTING

## Standard Sizes

### Class 'O'

| Size         | Roll Length |
|--------------|-------------|
| 6mm x 100mm  | 30mt        |
| 6mm x 150mm  | 30mt        |
| 6mm x 200mm  | 30mt        |
| 6mm x 300mm  | 30mt        |
| 6mm x 400mm  | 30mt        |
| 6mm x 450mm  | 30mt        |
| 6mm x 500mm  | 30mt        |
| 6mm x 600mm  | 30mt        |
| 13mm x 200mm | 14mt        |
| 13mm x 300mm | 14mt        |
| 13mm x 500mm | 14mt        |
| 13mm x 550mm | 14mt        |
| 13mm x 575mm | 14mt        |
| 13mm x 600mm | 14mt        |

### LSOH

| Size         | Roll Length |
|--------------|-------------|
| 6mm x 300mm  | 30mt        |
| 13mm x 500mm | 14mt        |
| 13mm x 575mm | 14mt        |

Other sizes are available on request.

## Accessories



### Class 'O' Tape

- Black
- 3mm x 50mm x 15mt
- Self-Adhesive

### LSOH Tape

- Green
- 3mm x 50mm x 15mt
- Self-Adhesive



### Leg Protectors

- Available in Class 'O' and LSOH

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