



## DATA SHEET

# PREMIUM OUTRIGGER PAD

High performance outrigger pads that provide incredible strength and rigidity with excellent load distribution. Ideal for use with small equipment through to heavy-duty lifting applications.

- Engineered from Ultra High Molecular Polyethylene (UHMW-PE)
- Resistant to water, oil & chemicals
- Lightweight and easy to handle
- Carry, position and store with minimal effort

### SUITABLE FOR:



### MATERIAL SPECIFICATION

| GENERAL CHARACTERISTICS               | UNIT                             | TEST METHOD | ISO-LEN High Cap  |
|---------------------------------------|----------------------------------|-------------|-------------------|
| Short sign                            |                                  | ISO 1043-1  | PE-U/HMW          |
| Density                               | g/cm <sup>3</sup>                | ISO 1183-1  | <0,96             |
| Molecular weight                      | Mio. G / mol                     |             | 0.5 – 5           |
| Water absorption (23°)                | %                                | ISO 62      | <0.01             |
| <b>MECHANICAL PROPERTIES</b>          |                                  |             |                   |
| Elongation @ break +23°C              | %                                | ISO 527-2   | >500              |
| Shore hardness D                      |                                  | ISO 868     | 64                |
| Notched impact strength               | kJ/m <sup>2</sup>                | ISO 868     | o. B.             |
| Wear resistance (Sand-Slurry-Test)    | %                                | ISO 15527   | >350              |
| Friction coefficient                  | μ                                |             | =0.2              |
| Compression strength                  | MPa                              | ISO 604     | upon request      |
| <b>THERMAL CHARACTERISTICS</b>        |                                  |             |                   |
| Thermal conductivity @ 23°C           | W / (k x m)                      | DIN 52612   | 0,4               |
| Thermal expansion (long; 23°C - 60°C) | 10 <sup>-5</sup> K <sup>-1</sup> | ISO 11359-2 | 15-20             |
| Flammability                          |                                  | UL94        | HB                |
| Melting temperature                   | °C                               | ISO 11357   | 130-135           |
| <b>ELECTRIC PROPERTIES</b>            |                                  |             |                   |
| Specific flow resistivity             | Ω x cm                           | IEC 60093   | ≤10 <sup>12</sup> |
| Specific surface resistance           | Ω                                | IEC 60093   | ≤10 <sup>12</sup> |
| Dielectric strength                   | KV/mm                            | IEC 60243   | ≤45               |

UV-resistance

The data mentioned in this leaflet are average values ascertained by current statistical returns & tests, but we cannot accept any responsibility for their accuracy.

UV-stabilised

### Product Code: IP-59002

Dimensions (mm): **1200x1200x40**

Recess size (mm): **N/A**

Material: **UHMW-PE**

Load Capacity (tonnes): **71.00**

Weight (kgs): **55.50**

Handles: **2 x Rope**



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ADVICE**



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