

DATA SHEET

(SMOOTH) GROUND PROTECTION MAT



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
- Lifetime Warranty

SUITABLE FOR:



MATERIAL SPECIFICATION

PROPERTIES	UNIT	TEST METHOD	ISO-LEN 500
Density of moulded material	g/cm3	DIN 53479	0,951
Molecular weight	Millionen	Light diffusion	ca. 0,6
MECHANICAL PROPERTIES			
Tensile strength	N/mm2	DIN 53455	28
Breaking strength +23°C	N/mm2	DIN 53455	38
Elongation @ break +23°C		DIN 53455	>600
Torsional stiffness +23°C	N/mm2	DIN 53477	350
Torsional stiffness -40°C	N/mm2	DIN 53477	700
Ball indentation hardness 30 sec.	N/mm2	DIN 53456	46
Shore hardness D		DIN 53505	64
Notched impact strength	mj/mm2	DIN 53453	>30 o. Br.
Abrasion	%	Slurry-Test	250-350
Melting Point	°C	polarizing microscope	133
Thermal coefficient	°C-1 1/K	DIN 52328	1,7-2,5 x 10-4 / K
Thermal conductivity @ 23°C W/°C x m		DIN 52612	0,40
Dimensional stability under heat	°C	DIN 53461 / ISO/R 75	80
ELECTRIC PROPERTIES			
Volume resistance	W x cm	DIN 53482	>1017
Surface resistance	W	DIN 53482	>1014
Conductivity <10 - 6			

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

Product Code: IP-59979

Dimensions (mm): **1800x900x15**

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

Material: **UHMW-PE**

Load Capacity (tonnes): **20.00**

Weight (kgs): **25.00**

Handles: **4 x Integrated Handles**



**TECHNICAL
ADVICE**



**EASY
ORDERING**



**NEXT DAY
DELIVERY**
Order by 2pm

BE CONFIDENT. BUY QUALITY.

