

**HIGH PERFORMANCE**

# OUTRIGGER PADS

**BE CONFIDENT. BUY QUALITY.**



**OUTRIGGER PADS**

# STABLE SUPPORT FOR LIFTING EQUIPMENT, MOBILE PLANT AND VEHICLES

Our range of high quality outrigger pads and spreader plates provide maximum strength, durability and load distribution with load bearing capacities of up to 300 tonnes.

Engineered to withstand extreme pressure, our tough no-nonsense pads are waterproof and resistant to chemicals, and will adapt to the contours of uneven terrain whilst retaining their shape.



## HOW DO THEY WORK?

Outrigger pads are used to provide effective support for heavy equipment where load bearing capacity is an issue, such as soft ground or sensitive terrain.

Stable support is achieved by spreading the load from the stabiliser or outrigger foot over the large surface of an outrigger pad. The overall pressure on the ground is reduced by distributing the load over a wider area, and effectively supporting the equipment or vehicle.

Our **Multi Mat System** is designed to support high capacity lifting with the flexibility to use in various configurations



# PREMIUM PADS

High performing outrigger pads offering incredible strength, rigidity and load distribution - they're built to last! Available in a range of sizes, both square and circular and with the option to personalise.

- Engineered from high performance UHMW Polyethylene
- Resistant to water, oil and chemicals
- Lightweight and easy to handle
- Stored and positioned with minimal effort



## SQUARE

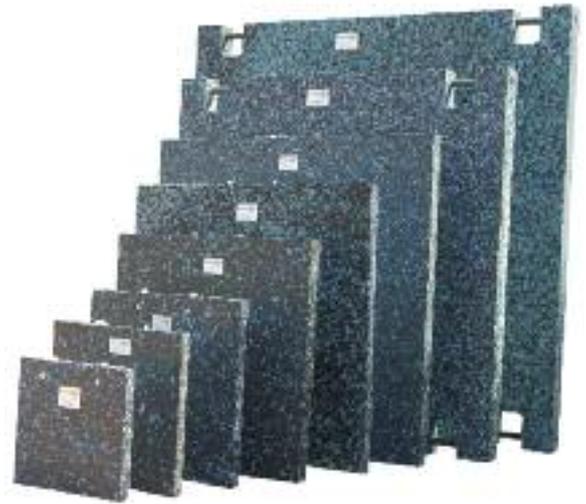
Dimensions (mm)	Load Capacity (tonnes)	Weight (kgs)	Product Code
400x400x40	12.00	6.30	IP-57072
500x500x40	15.00	10.50	IP-57096
500x500x50	18.00	12.50	IP-57665
500x500x60	25.00	10.00	IP-59005
600x600x40	20.00	14.50	IP-57111
600x600x50	25.00	17.00	IP-57097
600x600x60	30.00	22.00	IP-57666
800x800x40	35.00	25.00	IP-57667
800x800x50	40.00	31.50	IP-57668
800x800x60	45.00	39.00	IP-57669
1000x1000x40	40.00	38.40	IP-59001
1000x1000x50	50.00	48.00	IP-57670
1000x1000x60	70.00	58.00	IP-57671
1000x1000x80	100.00	77.00	IP-57672
1200x1200x40	68.00	55.50	IP-59002
1200x1200x60	110.00	80.00	IP-57673
1200x1200x80 (4xCH)	120.00	118.00	IP-57674
1200x1200x100 (4xCH)	160.00	146.00	IP-57675
2000x1000x100 (4xCH)	220.00	200.00	IP-57677



## ROUND

Dimensions (mm)	Load Capacity (tonnes)	Weight (kgs)	Product Code
650x50	25.00	16.50	IP-57715
800x50	35.00	25.00	IP-57679
800x60	40.00	28.50	IP-57680
900x40	30.00	23.00	IP-58696
900x50	45.00	30.00	IP-57681
900x60	50.00	36.50	IP-57682
1000x40	35.00	28.00	IP-58697
1000x50	50.00	37.50	IP-57713
1000x60	60.00	44.50	IP-57683
1000x70	75.00	52.00	IP-57711
1000x80	80.00	60.00	IP-57684
1200x60	90.00	64.00	IP-57685
1200x70	110.00	76.00	IP-57712
1200x80	120.00	87.00	IP-57686
1200x80 (CH)	120.00	91.00	IP-57687
1500x80 (CH)	160.00	140.00	IP-57726
1500x100 (CH)	180.00	174.00	IP-57688

All of our outrigger pads are supplied with Rope Handles except for those marked CH (Chain Handles) or SBH (Steel Bar Handles).



## RECESSED PADS

Dimensions (mm)	Load Capacity (tonnes)	Weight (kgs)	Product Code	Recess Size (mm)
400x400x40	12.00	6.00	IP-57971	300x10
500x500x40	15.00	10.00	IP-57724	350x8
750x750x80	60.00	52.00	IP-59019	350x8



The machined recess helps contain the foot, keeping it centered and reducing the risk of it slipping.

## MATERIAL SPECIFICATIONS

Material Specification	ISO-Dens @ 500	DIN No.
Density	.951g/cm <sup>3</sup>	53479
Notched impact strength (15° angle)	mj/mm <sup>2</sup>	53453 >30 o. Br.
Tensile strength	28 N/mm <sup>2</sup>	53455
Breaking strength	38 N/mm <sup>2</sup>	53455
Modulus of elasticity	1350 N/mm <sup>2</sup>	53455
Torsional stiffness +23C	350 N/mm <sup>2</sup>	53477
Torsional stiffness -40C	700 N/mm <sup>2</sup>	53477
Shore hardness D	64	53505

See page 18 for detailed specifications.



## STABLE SUPPORT FOR:

Self erecting tower cranes, crawler cranes, aerial work platforms, truck mounted cranes, mobile crushing equipment, cherry pickers/boom lifts, fire and utilities trucks, knuckle boom crane installers, vehicle mounted platforms and concrete pumps.



# MULTI MAT SYSTEM

Designed to support high capacity lifting, in particular all terrain cranes, our Multi Mat System is easily transportable and offers the flexibility to use in various configurations.

- Engineered from high performance UHMW Polyethylene
- Resistant to water, oil and chemicals
- Quick and easy to set-up

# MULTI MAT SET-UP



**Please note:** Ensure there are no gaps or debris present in the set-up. If in doubt refer to your lift plan.

## ORIGINAL MULTI MAT

Dimensions (mm)	Load Capacity (tonnes)	Weight (kgs)	Product Code
1500x500x50	up to 110.00*	35.00	IP-57709
1800x600x50	up to 160.00**	52.00	IP-57710
1000x60 (to secure)	60.00	45.00	IP-57683
1200x60 (to secure)	90.00	66.40	IP-57685

The Multi Mat system has been tested and approved by Lloyds British.

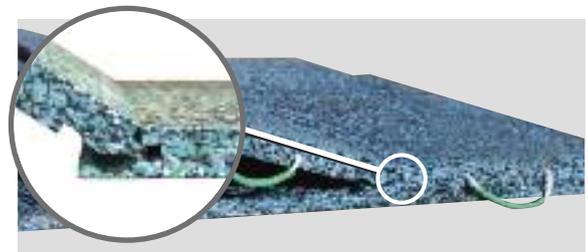


Subjected to a Finite Element Analysis (FEA).



## INTERLOCKING MULTI MAT

Dimensions (mm)	Load Capacity (tonnes)	Weight (kgs)	Product Code
1500x565x50	up to 110.00*	41.00	IP-58868
1800x665x50	up to 160.00**	58.00	IP-58806
1000x60 (to secure)	60.00	45.00	IP-57683
1200x60 (to secure)	90.00	66.40	IP-57685

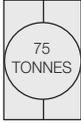
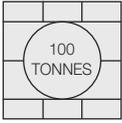


Capacity based on complete Multi Mat System. \*3m<sup>2</sup> Configuration requires x7 mats.  
\*\*4.32m<sup>2</sup> Configuration requires x7 mats

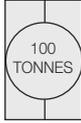
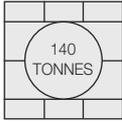
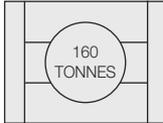
CONFIGURATION OPTIONS OVERLEAF

# CONFIGURATION OPTIONS

1500mm

	ORIGINAL MULTI MAT	INTERLOCKING MULTI MAT
	<b>1.50m<sup>2</sup> Configuration</b> Requires: IP-57709 x 2 IP-57683 x 1	<b>1.50m<sup>2</sup> Configuration</b> Requires: IP-58868 x 2 IP-57683 x 1
	<b>2.25m<sup>2</sup> Configuration</b> Requires: IP-57709 x 5 IP-57683 x 1	<b>2.25m<sup>2</sup> Configuration</b> Requires: IP-58868 x 5 IP-57683 x 1
	<b>3m<sup>2</sup> Configuration</b> Requires: IP-57709 x 7 IP-57685 x 1	<b>3m<sup>2</sup> Configuration</b> Requires: IP-58868 x 7 IP-57685 x 1

1800mm

	ORIGINAL MULTI MAT	INTERLOCKING MULTI MAT
	<b>2.16m<sup>2</sup> Configuration</b> Requires: IP-57710 x 2 IP-57685 x 1	<b>2.16m<sup>2</sup> Configuration</b> Requires: IP-58806 x 2 IP-57685 x 1
	<b>3.24m<sup>2</sup> Configuration</b> Requires: IP-57710 x 5 IP-57685 x 1	<b>3.24m<sup>2</sup> Configuration</b> Requires: IP-58806 x 5 IP-57685 x 1
	<b>4.32m<sup>2</sup> Configuration</b> Requires: IP-57710 x 7 IP-57685 x 1	<b>4.32m<sup>2</sup> Configuration</b> Requires: IP-58806 x 7 IP-57685 x 1

**Please note:** Capacity based on complete Multi Mat system. These configurations are calculated for the max ground pressure of 5kgs/cm<sup>2</sup>, for normal operational conditions. Our Multi Mat system recommends a round pad to secure, but a square pad is equally suitable.



NOW  
AVAILABLE

## SMARTSTORE

Store your Multi Mats safely with our **SMARTSTORE**. Keep them all in one place and easily move from site to site with minimal handling.

# ECO LIFT PADS

Tough and stable support with excellent load distribution. A great all rounder for small to medium equipment.

- Engineered from High Density Polyethylene (HDPE)
- Resistant to water, oil and chemicals
- Lightweight and easy to handle



See page 19 for detailed specifications.



Dimensions (mm)	Load Capacity (tonnes)	Weight (kgs)	Product Code	Recess Size
300x300x30	5.00	2.80	IP-72043	-
400x400x40	12.00	6.30	IP-72000	-
500x500x40	15.00	9.90	IP-72001	-
600x600x40	20.00	13.50	IP-72007	-
400x400x50	14.00	7.70	IP-72033	300x8
400x400x40	12.00	6.00	IP-72015	300x8
500x500x40	15.00	9.50	IP-72008	350x8

# HI-VIZ PADS

High visibility outrigger pads designed to alert pedestrians to potential trip hazards in public areas.

- Brightly coloured to ensure high visibility
- Engineered from High Density Polyethylene (HDPE)
- Resistant to water, oil and chemicals
- Lightweight and easy to handle



Dimensions (mm)	Load Capacity (tonnes)	Weight (kgs)	Product Code	Recess Size
300x300x30	5.00	2.80	IP-72045	-
400x400x40	12.00	6.30	IP-72003	-
400x400x50 (Integrated handles)	14.00	7.50	IP-72017	300x10
500x500x40	15.00	9.90	IP-72002	-
600x600x40	20.00	13.50	IP-72018	-
750x750x40	30.00	21.60	IP-72019	-
1000x60 (Round)	60.00	45.00	IP-72022	-
1200x60 (Round)	90.00	66.40	IP-72029	-

These bright yellow pads are commonly used in public areas such as, parking bays, shopping centres, pavements, roadsides and pedestrianised walkways... but can be used in any application where potential trip hazards may occur.

# LARGE CRANE MATS

Maximum strength and support for the toughest lifting applications. With load capacities of up to 300 tonnes, our high performing crane pads are engineered to withstand extreme vertical pressure and deliver excellent load distribution.

Dimensions (mm)	Load Capacity (tonnes)	Weight (kgs)	Product Code
1500x80 (CH)	160.00	140.00	IP-57726
1500x100 (CH)	180.00	174.00	IP-57688
1500x1500x100 (4xCH)	200.00	224.00	IP-57676
1500x1500x100 (SBH)	200.00	225.00	IP-58542
1800x1800x100 (4xCH)	240.00	319.00	IP-57714
1800x1800x100 (SBH)	240.00	320.00	IP-58541
2000x1000x100 (4xCH)	220.00	200.00	IP-57677
3000x2000x100 (4xCH)	300.00	584.00	IP-57678
3000x2000x100 (SBH)	300.00	585.00	IP-58725

CH (Chain Handles) or SBH (Steel Bar Handles).





# HI-PRO PADS

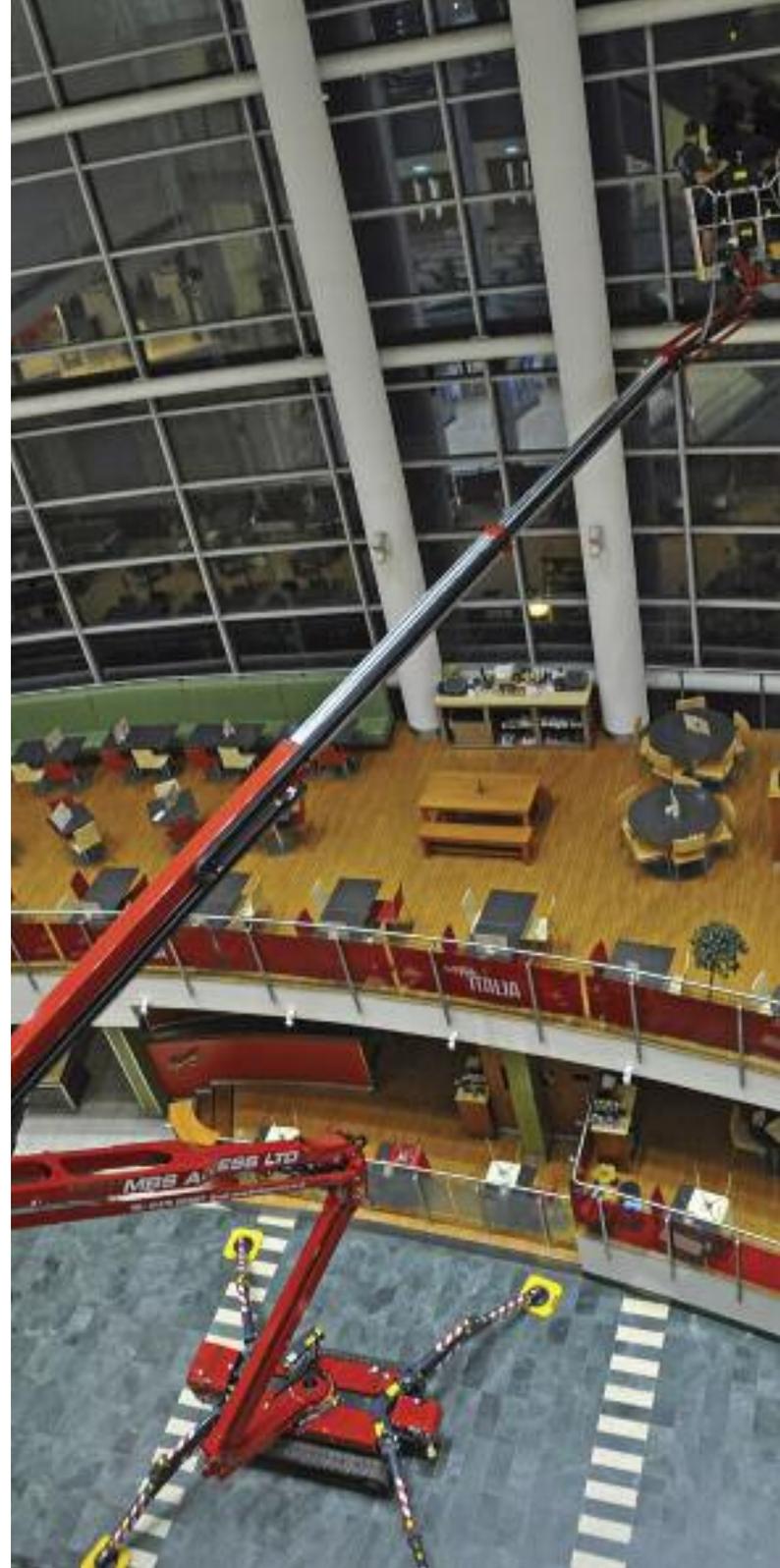
When working on expensive floors, such as marble or oak, you want reassurance that when the work is done you haven't left any scratches or scuffs behind!

With an integrated non-marking rubber base, our Hi-Pro pads offers complete protection without compromising on durability and stability. The top surface is made from High Density Polyethylene (HDPE) complete with a recess for easy positioning of the outrigger foot.

Ideal for use on high value floors, shopping centres, stately homes and business centres.

- Machined recess to help contain the foot
- Non-marking rubber base
- Lightweight and easy to handle
- Brightly coloured to ensure high visibility

Dimensions (mm)	Load Capacity (tonnes)	Weight (kgs)	Product Code	Recess Size
400x400x30	8.00	4.40	IP-72021	300x8
400x400x40	12.00	6.00	IP-72010	300x10
500x500x40	15.00	9.50	IP-72009	350x8
600x600x40	20.00	13.00	IP-72038	350x8
750x750x40	28.00	21.00	IP-72037	350x8



# BESPOKE PADS

We can offer custom size outrigger pads to meet your specific application... no pad is too big or too small. Call our team to discuss your requirements.

Dimensions (mm)	Load Capacity (tonnes)	Weight (kgs)	Product Code
Niftylift 210 Custom Pad 700x450x80 (with cavity)	16.00	24.20	IP-58635
Niftylift 120 Custom Pad 450x450x60 (with cavity)	13.00	11.00	IP-58592
Manitou MT1440 Custom Booster Pad 500x350x200	30.00	24.50	IP-58842
Omme 2750 Custom Pad 720x400x90 (with cavity)	14.50	18.00	IP-57792
55 Tonne Bobbin	55.00	5.00	IP-58695
Blue Pads (Round) with integrated handles	10.00	9.65	IP-72023
Auger Trapping Pad	-	19.00	IP-58875



Omme Track-Mount  
2750 Custom Pad



Crane pad with customers  
own fork-pocket attachment



55 tonne  
Winch  
Bobbin



Hydro-Pad



Auger Trapping Pad



Niftylift Trailer-Mount 120  
Custom Pad



Niftylift Trailer-Mount 210  
Custom Pad



Manitou 1440 Telehandler  
Custom Booster Pad

# GROUND PROTECTION MATS

Highly versatile **GROUND PROTECTION** mats designed to create temporary roadways or large surface areas for moving heavy machinery and vehicles across soft ground.

Engineered to withstand heavy load transfers, they provide maximum support with minimal disturbance to the ground. Use with our Easy Join connectors for a low-cost and safe temporary surface area.

- Non-slip extruded surface on both sides for superior grip
- Flexible to configure using Easy Join connectors
- Lightweight & easy to handle
- Resistant to water, oil and chemicals
- Manufactured from High Density Polyethylene (HDPE)

Dimensions (mm)	Load Capacity (tonnes)	Weight (kgs)	Product Code
1800x900x12.7	40.00	24.00	IP-72032
2880x1440x15	65.00	65.00	IP-72011
Link Bar - 4 way	-	-	IP-72014
Link Bar - 2 way	-	-	IP-72013



Our mats are specified to a size that accommodates the width of most vehicle, crane and equipment chassis.

# MOTORHOME & CARAVAN PADS



Designed to safely and effectively spread the load from jack legs and stabilisers to prevent your vehicle sinking into soft ground or gravel.

- Engineered from High Density Polyethylene (HDPE)
- Resistant to water, oil and chemicals
- Lightweight and easy to transport, handle and store

Dimensions (mm)	Load Capacity (tonnes)	Weight (kgs)	Product Code	Recess Dimensions (mm)
300x300x25 Eco Lift	4	2	IP-72048	-
300x300x25 Eco Lift Square Recess	4	2	IP-72047	270x270x5
300x300x25 Eco Lift Circular Recess	4	2	IP-72046	250x5



IP-72048



IP-72047



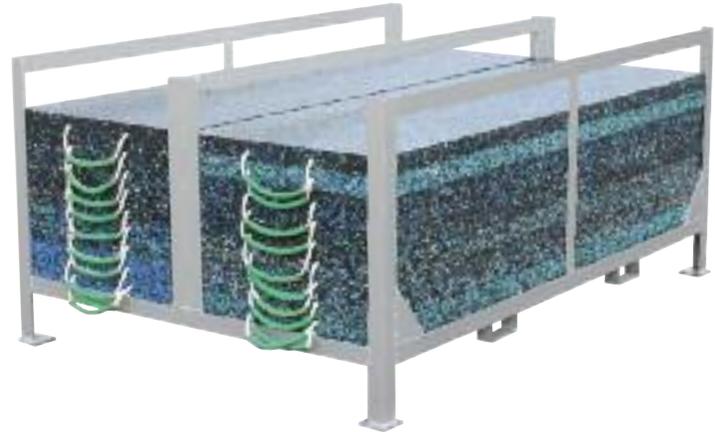
IP-72046



# ACCESSORIES

## SMARTSTORE

Keep all of your Multi Mat System pads together with our new Smart Store. Made from heavy duty steel, and with integral fork-lifting pockets for easy transportation, the Smart Store is the safer way to store your pads.



Dimensions LxWxH (mm)	Weight (kgs)	Product Code
1525x1165x800	60.00	IP-59020
1805x1230x800	80.50	IP-59004

## ID STAMPING AND ENGRAVING

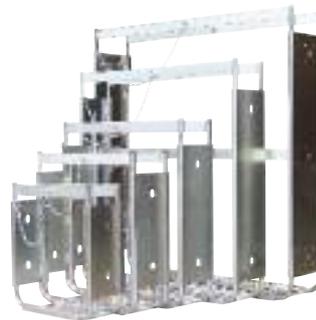
Personalised ID stamping or engraving can help protect your investment by acting as a theft deterrent or identifier should they be misplaced. We can professionally brand your outrigger pads with your company name, logo and contact details - just let us know if you're interested, and we can provide a quote!



## STOWAGE HOLSTERS

Fully galvanised stowage holsters are available which can be bolted to the crane, platform or vehicle for safe and secure stowage of outrigger pads.

Each stowage holster has space to store two pads and is supplied complete with mounting brackets.



Dimensions (mm)	Weight (kgs)	Product Code
400x400x130	7.00	IP-57698
500x500x130	7.50	IP-57699
600x600x130	10.00	IP-57697
800x800x130	15.00	IP-58723
1000x1000x170	23.30	IP-58877

# WHY BUY FROM US?



Tough, stable support for high capacity lifting. They're built to last. Tested by Lloyds British.



We won't keep you waiting! Our pads are held in stock ready to ship direct to your door within 24 hours.



Not sure what you need? Our team are on hand to offer expert technical advice and support.



Order online 24/7 or use our helpful outrigger pad calculator to help you determine the right size needed.



## COMPLETE SUPPORT

You can order your outrigger pads by telephone: **01952 671403**

Email: [sales@outriggerpads.co.uk](mailto:sales@outriggerpads.co.uk) Online: [outriggerpads.co.uk](http://outriggerpads.co.uk)

## AVAILABILITY AND SHIPPING

We keep a healthy stock of our 30+ most popular pads and offer next day delivery within the UK and 3-5 days throughout Europe.

## PRICING

For our current price information please contact us, if you are looking to order large quantities then competitive discounts will be applied.

# MATERIAL SPECIFICATIONS

## PREMIUM

Properties	Unit	Test Method	ISO-LEN 500
Density of homogeneously moulded material	g/cm <sup>3</sup>	DIN 53479	0.951
Molecular weight	Millionen	Light Diffusion	ca. 0.6

Mechanical properties			
Tensile strength	N/mm <sup>2</sup>	DIN 53455	28
Breaking strength +23°C	N/mm <sup>2</sup>	DIN 53455	38
Elongation @ break +23°C		DIN 53455	>600
Torsional stiffness +23°C	N/mm <sup>2</sup>	DIN 53477	350
Torsional stiffness -40°C	N/mm <sup>2</sup>	DIN 53477	700
Ball indentation hardness 30 sec.	N/mm <sup>2</sup>	DIN 53456	46
Shore hardness		D DIN 53505	64
Notched impact strength (15° angle)	mj/mm <sup>2</sup>	DIN 53453	>30 o. Br.
Abrasion	%	Slurry-Test	250-350
Melting point	°C	Polarizing Microscope	133
Thermal coefficient of linear expansion 23-80°C	°C <sup>-1</sup> 1/K	DIN 52328	1.7-2.5 x 10 <sup>-4</sup> / 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	>10 <sup>17</sup>
Surface resistance	W	DIN 53482	>10 <sup>14</sup>
Dielectric strength	KV/cm	DIN 53481	150

Conductivity <10 - 6

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

## ECO LIFT/HI-VIZ/HI-PRO/GROUND MATS

Properties	Unit	Test Method	Test Result
Density	g/cm <sup>3</sup>	ISO1183-1	0.95-0.98
Yield strength	MPa	ASTM D-638	25
Ultimate strength	MPa	ASTM D-638	45
Tensile strength	Psi	ASTM D-638	5900
Tensile modulus of elasticity	Psi	ASTM D-638	116500
Breaking elongation	%	ISO527	>50
Impact strength	MJ/mm <sup>2</sup>	ISO179	No breaking
Shore hardness	Shore D	ISO868	64-67
Abrasion	Steel=100	ISO15527	83
Melting point	°C	ASTM D-3417	138
Coefficient of thermal expansion	°C	ASTM D-696	0.0002
Friction coefficient (Static state)	Unit less	ASTM D-1894	0.11

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

## MOTORHOME & CARAVAN PADS

Properties	Unit	Test Method	Test Result
Density	0.93-0.955	g/cm <sup>3</sup>	ASTM D1505
Melting point	133-135	°C	ASTM D3418
Tensile strength at yield	23-26	MPa	ISO 527:2012
Tensile strength at break	14-16	MPa	ISO 527:2012
Elongation at break	80-100	%	ISO 527:2012
Elasticity modulus	1100-1210	MPa	ISO 527:2012
Charpy impact strength - notched	33-37	KJ/m <sup>2</sup>	ISO 179-1:2011
Hardness	67-69	SHORE D	ISO 868:2003
Wear resistance sand - slurry - test	372%	-	ISO 15527
Average coeff. of linear thermal expansion	2x10 <sup>-4</sup>	m/(m/K)	-
Service temperature	-100 to +80	°C	-

Note: 1g/cm<sup>3</sup> = 1,000 kg/m<sup>3</sup>; 1Mpa= 1N/mm<sup>2</sup>; 1kV/mm = 1MV/m

\*This data is very useful for the choice of material, because this material is regenerated. The data listed here are indicative values and should not be used to establish specification limits of the material. From these values may not be deducted a legally binding of security of certain properties or the suitability for a particular application.



HELPING YOU WORK SAFER AND SMARTER



DISTRIBUTOR



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