

Safefoot

OUTRIGGER PADS



Exclusive Agent in GCC



مجموعة العسكر للتجارة والمقاولات ذ.م.م

AL-ASKAR TRADING & CONT. GROUP W.L.L

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PRODUCT DESCRIPTION :

UHMWPE outrigger pads provide stable surfaces by distributing weight for heavy equipment loads, stronger than wood or steel and provide better overall performance. With its superior characteristics, heavy duty outrigger pads provide support for all types of equipment, even in poor soil conditions.

DESCRIPTION OF THE MATERIAL :

100% virgin UHMWPE (100% virgin Ultra High Molecular Weight Polyethylene) is a subset of the the Thermoplastic polyethylene. Plastic sheet made by UHMWPE has a molecular weight 1-10 million g/mole, 30times higher than HDPE sheet, with an excellent wear resistance and impact resistant property.

Exterior design of the Product :

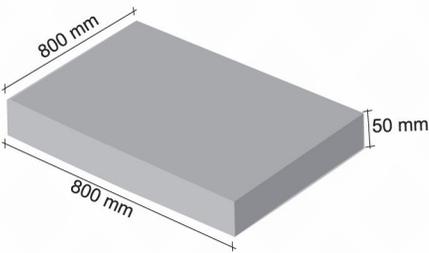


- Different Collection of Colors Shapes (square, circular, or any other shapes).
- Different Sides Designs (smooth surfaces as well as patterned, with rounded edges and corners).
- Different sizes in the dimensions and thickness.
- Each Size, Color, and Shape can be produced as per the request.

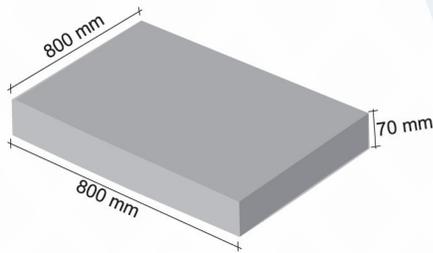
FEATURES:

- Advanced safety
- More stability
- Protect property
- Distribute weight
- Spread the Load

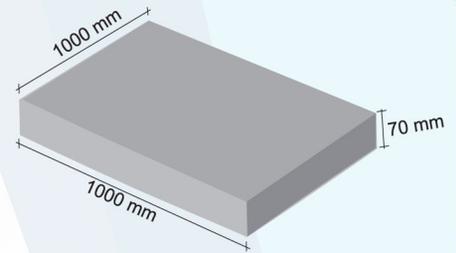




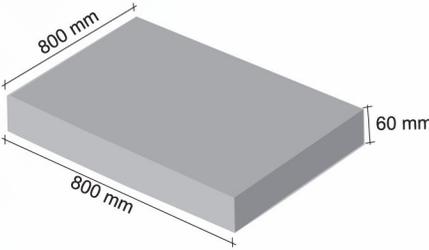
Size : 800 mm * 800 mm * 50 mm
Endurance: Weight of the Crane + Load > 50T
Weight : 32kg
Maximum Compression
Weight: < 55 ton



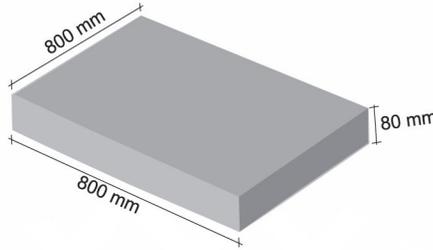
Size : 800 mm * 800 mm * 70 mm
Endurance: Weight of the Crane + Load > 50T
Weight : 44.8kg
Maximum Compression
Weight: < 65 ton



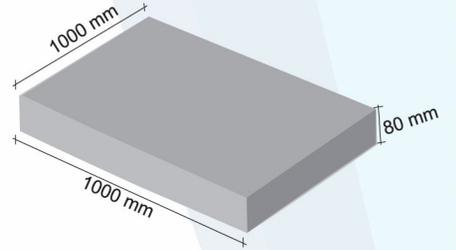
Size : 1000 mm * 1000 mm * 70 mm
Endurance: Weight of the Crane + Load > 60T
Weight : 70kg
Maximum Compression
Weight: < 75 ton



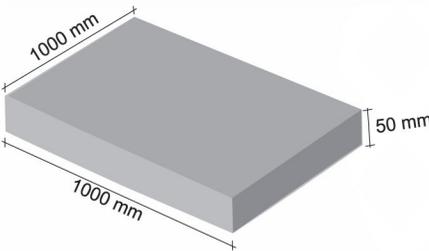
Size : 800 mm * 800 mm * 60 mm
Endurance: Weight of the Crane + Load > 50T
Weight : 38.4kg
Maximum Compression
Weight: < 60 ton



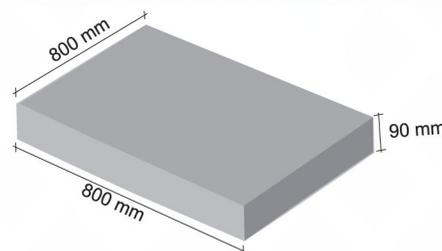
Size : 800 mm * 800 mm * 80 mm
Endurance: Weight of the Crane + Load > 60T
Weight : 51.2kg
Maximum Compression
Weight: < 75 ton



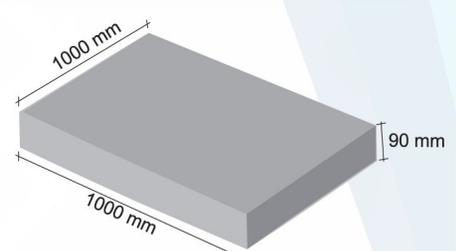
Size : 1000 mm * 1000 mm * 80 mm
Endurance: Weight of the Crane + Load > 80T
Weight : 80kg
Maximum Compression
Weight: < 95 ton



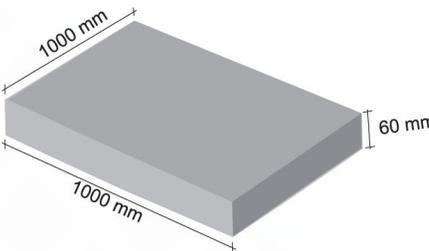
Size : 1000 mm * 1000 mm * 50 mm
Endurance: Weight of the Crane + Load > 50T
Weight : 50kg
Maximum Compression
Weight: < 60 ton



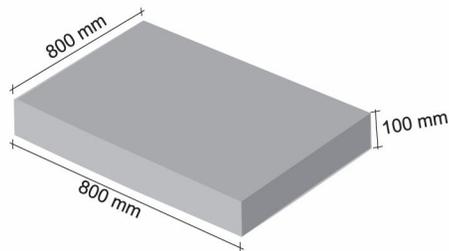
Size : 800 mm * 800 mm * 90 mm
Endurance: Weight of the Crane + Load > 80T
Weight : 57.6kg
Maximum Compression
Weight: < 100 ton



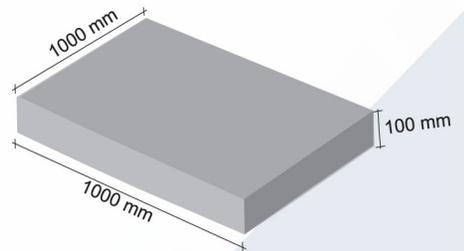
Size : 1000 mm * 1000 mm * 90 mm
Endurance: Weight of the Crane + Load > 90T
Weight : 90kg
Maximum Compression
Weight: < 120 ton



Size : 1000 mm * 1000 mm * 60 mm
Endurance: Weight of the Crane + Load > 50T
Weight : 60kg
Maximum Compression
Weight: < 65 ton



Size : 800 mm * 800 mm * 100 mm
Endurance: Weight of the Crane + Load > 100T
Weight : 64kg
Maximum Compression
Weight: < 120 ton



Size : 1000 mm * 1000 mm * 100 mm
Endurance: Weight of the Crane + Load > 100T
Weight : 100kg
Maximum Compression
Weight: < 140 ton

Handle: Nylon ropes, Steel Wires or Metal Rings According to size of pad.
Temperature: 70°C **Maximum Compression Pressure :** 39-41 M pa

With a wide variety of different shapes, colors, and sizes as desired

TECHNICAL DESCRIPTION OF THE UHMWPE PRODUCT :

- ▶ **Side Designs:** The surface of pads available in smooth as well as patterned texture which helps in increasing the static friction for better stability of the outrigger jack, with rounded edges and corners prevents from any injury to the user.
- ▶ **Endurance:** The maximum limit to with stand the load varies according to the thickness and the surface area of the pads i.e. more the surface area and thickness greater will be the endurance of the UHMWPE pads.
- ▶ **Handles:** UHMWPE pads has specially designed nylon handles on both end to bear greater load and easy to mobilize, and for the huge outrigger pads are provided with appropriate handles or steel hooks for easy and safe lifting.
- ▶ **Weight:** The weight of the product is based on the dimension and the endurance. As the capacity of the pad for bearing the load increases the Weight of pad will be higher.
- ▶ **Temperature:** The pad has a temperature bearing capacity more than 80°C, which is enable it to retain its shape in extreme climate and circumstances.
- ▶ **Maximum compression weight:** The maximum weight which could be exerted on the surface of the outrigger pads by the outrigger jack, beyond this limit the surface of the pad will be differed from the original texture.



CIRCULAR PAD DESCRIPTION		
DIAMETER THICKNESS (in mm)	LOADING CAPACITY (in Ton)	WEIGHT (in Kg)
650*60	25	20
800*40	20	20
800*50	25	25
800*60	30	30
1000*40	35	31
1000*50	40	39
1000*60	50	47
1200*60	60	68
1000*80	70	63
1200*80	80	91

CIRCULAR PAD DESCRIPTION		
DIAMETER THICKNESS (in mm)	LOADING CAPACITY (in Ton)	WEIGHT (in Kg)
1000*100	90	79
1200*100	100	113
1200*110	110	124
1200*120	120	136
1200*130	130	147
1200*140	140	158
1500*100	150	77
1200*180	180	203
1200*200	200	226
2000*150	250	471

Temperature: -220° to 80°c,

Maximum Compression Pressure : $\geq 30\text{Mpa}$,

Material: 100% Virgin UHMWPE,

Handle: Nylon ropes, Steel Wires or Metal Rings According to size of pad.

WHY USE 100% VIRGIN UHMWPE OUTRIGGER PADS ?

- Excellent wear resistance: 6-7 times of ordinary carbon steel.
- Impact resistance: 4-5 times of the ABS.
- Superior self-lubrication: Widely used as liner of coal bunker, chute, truck etc.
- Excellent chemical stability and corrosion resistance: Acid, Alkali, Salt resistance, applied in chemical field.
- Non-toxic in accordance with FDA/USDA standard.
- Fire resistance, Safe to Use, Lift, and Carry it.
- Excellent low temperature resistance: Can stand upto 180°C .
- Outperforms wood and other plastic materials.
- Reliably strong & rigid support, Easy to use.
- Ergonomic Safety, Long Lasting.
- Zero Splinters, rot or absorption.
- Eco-Friendly.
- Can be loaded in crane easily and safely



WARRANTY

- ▶ Twenty (20) years Warranty
- ▶ Warranty covers manufacturing defect only, in due to term and conditions
- ▶ Our Team will check the damaged outrigger pad to determine if it caused from manufacturing or by the improper usage of the pad.
- ▶ Certified by standard agencies.

ADDITIONAL SERVICES :

- ▶ Outrigger pads are Available in all dimensions (Thickness 6mm – 200mm)
- ▶ For bigger size pads special steel handle are provided which enable it to be lifted by cranes.
- ▶ Company logo & serial number embossing facilities are available.



IMPORTANT RECOMMENDATION :

UHMWPE pads are designed to bear load according to its definite prescribed capacity and endurance, crossing the limit or inappropriate load will led to the permanent deformation or damage of the pad.





MOBILE CRANES



BUCKET TRUCK & BOOM TRUCKS



CONCRETE PUMPS



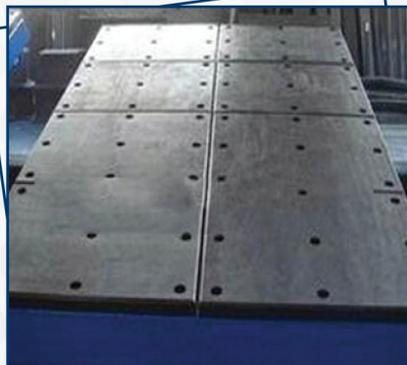
FIRE TRUCKS



MILITARY EQUIPMENT



GENERATOR PADS



AND MORE

It can also be used under the generator for the stability and absorbing the vibration.

