



Mytee Products

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OUTRIGGER PADS SPECIFICATION

SKU	Size	Shape	Thickness	Vertical WLL	Crush Rating
ORP-181815	18" x 18"	Square	1.5"	55,000 Lbs	200 PSI
ORP-242415	24" x 24"	Square	1.5"	60,000 Lbs	200 PSI
ORP-303020	30" x 30"	Square	2.0"	65,000 lbs	200 PSI
ORP-Round-15x15	15" Diameter	Round	1.5"	50,000 lbs	200 PSI
ORP-Round-18x15	18" Diameter	Round	1.5"	55,000 lbs	200 PSI

TYPICAL PROPERTIES OF UHMWPE for Outrigger Pads			
Property	Units	Test Method	Typical Average Values
Molecular weight	1E6 g/mol	ASTM D4020	1.5-2
Specific Gravity,	g/cm3	ASTM D792	0.97-0.98
Water Absorption Immersion, 24 Hours	%	ASTM D570	< 0.03
Water Absorption Immersion, Saturation	%	ASTM D570	< 0.03
Tensile Strength, Ultimate	psi	ASTM D638	4000
Tensile Modulus	ksi	ASTM D638	80
Elongation at break	%	ASTM D638	≥ 200
Flexural Strength,	psi	ASTM D790	2500
Flexural Modulus	ksi	ASTM D790	80
Shear Strength	psi	ASTM D732	4000
Compressive Strength, 10% Deformation	psi	ASTM D695	2300
Compressive deformation	% at 1000 psi	ASTM D621	6.0-7.0
Compressive Modulus	ksi	ASTM D695	65
Hardness, Shore "D"	-	ASTM D2240	67-69
Izod Impact (notched)	ft.lb./in.	ASTM D256	No Break
Coefficient of Friction (Dry vs. Steel) Dynamic	-	QTM 55007	≈ 0.15