

LibertyMAT® Ground Protection Mats

Part Description

LibertyMAT ground protection mats. Includes hand holes and chevron traction on both sides.

Physical Characteristics

Thickness: 1/2" (12.7 mm) main surface + 0.185" (4.699 mm) tread

Stock size: 47 x 95 inch

Sizing is subject to a manufacturing variance of +/- 5%

Color Options

Black – Naturally UV Resistant

Material

High-Density Polyethylene (HDPE)

Post-Industrial Recycled

CA Prop 65

Black mats: WARNING: This product can expose you to chemicals including carbon black, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Weight Load Rating

80 tons (160,000 lb; 72,575 kg)

Load bearing capacity is subject to ground conditions

Sub Surface

Designed to be used on a variety of sub-surfaces, without additional preparation. Such surfaces include (but not limited to): grass, gravel, soil, concrete, asphalt, sand and mud. Not intended for use as bridging.

Linking System

Designed to be easily linked together to form a "semi-permanent" road and/or surface. Can be linked on all four sides using our galvanized steel "Turn-a-Link" system or urethane HDU system.

Shipping Considerations

Mat size	Weight	Maximum quantity		
		Per pallet	Per 20 ft container	Per 40 ft container
47 x 95 in (1.19 x 2.41 m)	81 lb (36.7 kg)	40 Mats	275 Mats	520 Mats

Warranty

One year warranty

Physical Properties

Test	ASTM	Typical Value	Units
Melt Index	D1238	<0.10	g/10min
Specific Gravity	D792	0.96	—
Impact Strength	D256	4-5	ft-lbs/in
Flexural Modulus	D790	160,000	psi
Tensile Modulus	D638	150,000	psi
Tensile Yield Strength	D638	3,500	psi
Elongation @ Break	D638	240	%
Compressive Stress @ Yield	D695	2900	psi