

SKYDEX High Threat Blast Mats

As the leading provider of blast mitigating decking for armoured vehicles, SKYDEX offers a complete product line of high performance blast mats. Using unique, patented, energy-absorbing geometries to reduce tibia loads during underbody vehicle blast events, SKYDEX reduces the chance of lower-limb injury and increasing vehicle blast event survivability. Our products can be optimized for your vehicle design and desired threat level protection. Installed in over 24,000 vehicles, our blast-mitigating solutions, have been proven to withstand the toughest military environments.

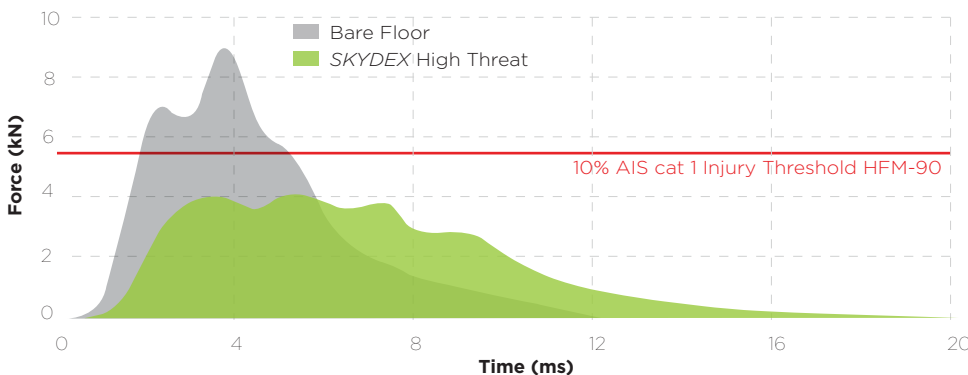
PRODUCT OVERVIEW

Part Number	1013729
Thickness	1.4f", 36 mm
Sheet Size	34" X 79", 0.86m x 2m
Areal Density	1.2 lb/ft ² , 1.8 kg/m ²
Sheet Weight	21 lb, 9.5 kg

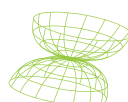


Concern	Test Method	Result
Water Drainage	MIL-STD-810, (512.6) Threshold 10% Water Retention	<10% Retention in all Decking Products
Storage Temp. High and Low	ASTM F1679 Threshold - SCOF ≥ 0.60	No effect
Surface Traction	MIL-STD-810, (512.6) Threshold 10% Water Retention	Diamond: 0.77
Fungal Susceptibility	MIL-STD-810G (508.7)	Pass
Fluid Contamination	MIL-STD-810G (508.6), Table II Standard Exceptions (19, 21-24)	<10% Retention in all Decking Products
Compression Set	FED-STD-101 (1003.2) - 48 hour compression	7-9% compression set 30 min. after test; full recovery 24 hours
Flammability	FMVSS 302	Pass
Smoke, Toxicity	BSS 7239	Pass

TEST RESULTS



SKYDEX Technologies, Inc.
12508 E. Briarwood Ave. Suite 1-F | Centennial, CO 80112
1.866.732.7462 | www.SKYDEX.com



MADE IN
 U. S. A.



ISO 9001 Registered

Protecting People and Things That Matter®

November 2021

THIS INFORMATION IS PROVIDED "AS IS" AND CONTAINS NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED.

