

FLEX HD

NATO#: NSN 2540-98-209-0174

P/N: FXDXAA00



FULLY COMPRESSED



CAD



Impact Protection	10G
Travel	9" (225mm)
Weight	??lbs (9kg)
Height	18" (457.2mm)

FLEX offers wave mitigation with lightweight

noncorrosive materials. This robust system originally designed for commercial boating use has found its way into recreational boating and features NO HAZARDOUS PINCH POINTS. HD webbing straps offer additional side impact protection, stabilizing uneven impacts and keeping the occupant secure.

PAIRING COMPONENTS:



PLINTH
FXXBAA00, FXXCAA03, FXXCAA04,
FXXCAA05



ULTRA
FBAX2000



EASY FIT COVER
FXXXAD04, FXXXAD05



Key Differentiators & Unique Selling Points



	Lightweight	All Shark suspensions are designed to be extremely lightweight, enhancing handling, improving fuel efficiency and reducing the overall weight of your boat as compared to our competitor.
	Affordable	Shark seating's position as the low-cost producer in the market allows us to price our products to ensure that everyone can experience ultimate comfort and safety, regardless of their budget.
	Performance	Each suspension offers extensive travel, providing a smooth & safe ride.
	Non-Corrosive	Shark products are built to endure the harsh marine environment, guaranteeing your suspensions will stand the test of time.
	Water Resistant	Shark seats are designed specifically for boating, utilizing the best water-resistant foams and highest quality vinyl to ensure your seats are protected from water intrusion.
	UV Resistant	From our products made with our proprietary composite, FLEXANITE™, to the vinyl used on our seats, Shark products are protected from harsh UV rays allowing them to maintain their sharp appearance.
	Scratch Resistant	Shark seats are used in the most demanding and harshest environments. We design our products with scratch resistance in mind to ensure your seats remain in pristine condition.
	No Pinch Points	Our products enhance safety by eliminating pinch points, hard surfaces and sharp edges preventing injury to fingers, arms, and feet, even if they are under the seats.
	Simplicity	Our suspensions are self-adjusting to ensure easy installation & maintenance and consistent comfort. Our shock absorbers automatically adapt to your weight, eliminating the need to manually adjust settings for the perfect ride.
	Environmental Care	Our injection molding process utilizes carbon sequestration to strengthen our bioplastic leaf springs and promote sustainable production of our FLEXANITE™ composite components.

Competitive Advantages



Attribute	Shark FLEX	Shark FLEXpod	Shockwave S5	SHOXX	Ullman	Airwave
Distance of travel	9"	6"	4"	4.4"	5.9"	2"
Impact mitigation	10G	6G	~4G	~4G	~6G	~2G
Weight	9kg	3.3kg	12.5kg	8.9kg	unknown	4.5kg
Primary Material	FLEXANITE	FLEXANITE	Cast AL	Anodized AL	SS	SS & AL
Mfg entirely from non-corrosive, non-magnetic, & radar proof materials	Yes	Yes	No	No	No	No
No Pinch Points	Yes	Yes	No	Yes	No	No
Self-adjusting Shock	Yes	Yes	No	No	No	No
Shock made completely from stainless steel	Yes	Yes	No	No	No	No
Multi-axis mitigation	3-axis	3-axis	1-axis	1-axis	2-axis	1-axis
Side Impact Protection	Yes	Yes	No	No	Yes	No
Center of Mass <0.45M above the floor	Yes	Yes	No	No	No	No