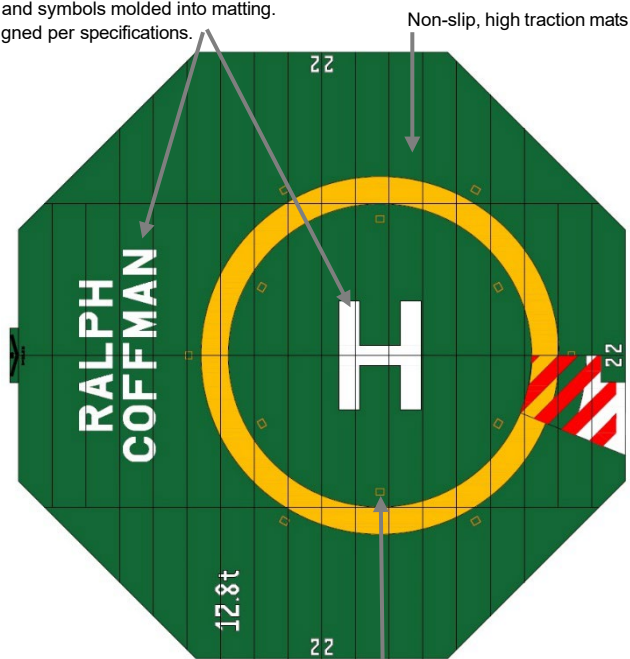


HELI-DECK MAT

OFFSHORE ● ONSHORE ● BUILDINGS ● HOSPITALS ● FIELD

Markings

- top to bottom color
- text and symbols molded into matting.
- designed per specifications.



Molded Openings

For deck penetrations such as tie downs, light fixtures, fire suppression spouts, etc

DESCRIPTION

AMS® Helideck Mats are quickly and easily installed atop existing helicopter decks/landings/pads. We have long been the preferred choice for use in oil & gas, wind, and marine sectors worldwide.

Helideck Mats are manufactured using a resilient polyurethane offering:

- Chemical and corrosive resistance
- Stress and impact resistance
- Equipment and deck protection
- UV stability
- Flex, allowing for synchronicity in marine atmospheres.
- Visual aid marking molded into mats.
- Molded opening for tie downs, light fixtures, mounting holes, fire suppression spouts, etc.
- Portable and/or permanent use
- Glare reduction vs metal
- Customization to any helideck size and/or shape
- Easy onsite modification and installation

Revamp your operations with high quality matting. Helideck Mats are manufactured with top to bottom color, eliminating the need for regular paint maintenance. With their lightweight construction, they can be swiftly and easily installed. The molded surface offers the highest COF (Coefficient of Friction) available, making it an excellent year-round solution for slip, trip, and fall prevention.

Options include integrated helideck cable covers which protect light fixture electrical cables from damage, colors, embossing of text, symbols, photoluminescent markings and more.

AMS® also offers the option to obtain your UK CAA CAP 437 certification at our facility, thereby saving you the significant expense and time associated with onboard certification.

SPECIFICATIONS

Application	These mats are suitable for various applications such as helicopter landings, decks, heliports, building rooftops, offshore and onshore facilities, yachts, fields, hospitals, and more. They can be utilized in both explosive atmospheres and ordinary areas.		
Surface Installation	Place atop steel, grating, painted/unpainted, wood, fiberglass, or concrete surfaces/structures.		
Thickness (nominal)	The standard thickness is 1/2" (13mm), but customization is available from 1/2" and upward to meet specific requirements.		
Weight (nominal)	1.0 ft ² (@ 0.50") = 2.6 lbs. / 1.0 m ² (@13mm) = 13.0 kg.		
Surface Options	Traction lugs and/or non-skid coating.		
AMS Color Sync	Mats have consistent color throughout, ensuring uniformity from top to bottom.		
Sound Dampening	Decreases sound transmission by absorption.		
Resistance	Excellent against corrosion and chemicals, withstands grease, oils and is fungus resistant (non-nutrient).		
Repairability	Excellent		
Ergonomic Benefits	Yes		
Ultraviolet Stability	Yes		
Visual Aid	Are embossed directly into the matting, ("H," "Name," etc) color coded to RALs per specifications.		
Water Absorption %	Less than 0.01%		
Dielectric Properties	Electrically dissipative		
Approvals	UK CAA CAP 437. Surface friction test average value of 0.88.		
	Test	Imperial	Metric
Tear Strength	ASTM D-624	752 lb./in	132 Kn/m
Tensile Strength	ASTM D-412 die C	4,835 psi	33 MPa
Service Temperatures		-40°F to 200°F	-38°C to 93°C
Hardness	ASTM2240-85	75-85 Shore A	
Elongation	ASTM D-412 die C	726%	
Dynamic COF-Wet	ANSI/NFSI B101.3-2012	>1.0	
Static COF-Wet	ANSI/NFSI B101.1-2009	>1.0	
Construction materials	Polyurethane, 75-85 Shore A		

OPTIONS

Safety is visual, AMS© offers a variety of value-added options.

Name	Details
Beveled Edges	Chamfered edges to allow a smooth transition between surfaces and/or varying deck heights.
Color	Standard colors: RAL6020 (Green), RAL1023 (Yellow), white, black, other colors upon request.
Deicing/Snowmelt	Helideck mats can be internally heated for deck deicing.
Emboss/Deboss	Text, symbols, and more can either molded in or raised from mat surface.
Hazard Identification	Yellow/black striping, red/black striping, colored nosing
Photoluminescence	Glow-in-the-dark identification in shapes, symbols, text, etc.
Puzzle Locks	Molded in matting to easily link.
Resurfacing Kit	Revive top coatings with AMS© kits that includes everything needed for onsite personnel to complete.
Surface Profiles	Several options depending on the specification requirements.
Customization	Just ask and we are happy to be of service.

WEIGHTS & DIMENSIONS

Helideck Mats can be manufactured to any length or width, in most cases mats are custom built to specific dimensions.

	Imperial	Metric	Note
Thickness-Standard	1/2", 5/8", 3/4", 7/8", 1"	13mm, 16mm, 19mm, 25mm	
Weight (+/- average)	1.0 ft ² = 5.1 lbs. (@1")	1.0 m ² = 25.0 kg (@25mm)	Weights change based upon profiles and thickness

INSTALLATION & MAINTENANCE

Installation methods are typical, matting can be affixed with a variety of methods. Helideck Mats can be easily cut onsite with proper tools.

Routine housekeeping is simply good practice. Light steaming, strong detergent with scrub brushes and/or non-flammable solvent will cut oil and grease. Matting to be stored and transported flat. AMS© Resurfacing Kits are available.

SERVICES

Our experienced personnel are ready to help. We are skilled at conducting services via telephone, email and/or online conferencing with or without video.

Design	From concept to production we supply comprehensive design services.
Onsite Survey	AMS© trained personnel can be deployed globally, on land or at sea. This service encompasses the precise locations, access points, orientations, obstacle locations, and more. Scheduling is designed to minimize operational disruptions and align with your specific timeline and needs.
Onsite Installation Support & Supervision	Trained personnel will lend support by directing the installation process. This will certify the installation is in accordance with customer and AMS© requirements.
Onsite Commissioning	The involves the procedures to check, inspect, adjust, test, document and verify a fully functioning system.

LIMITED WARRANTY

AMS© offers a 2-year limited product warranty. Terms apply.

CONTACT

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100% MADE IN THE USA

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HELIDECK MATS

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