

# PAYLOAD PADS

Modernize your operations with high-quality long-term solutions. AMS® Payload Pads are used to identify safe landing areas for containers and equipment during crane operations. The non-slip surface combined with high visibility ensures lifting operations can be completed safely and efficiently.

- ✓ Stress & Impact Resistant
- ✓ Customizable to Any Size or Shape
- ✓ Durability
- ✓ AMS® Color Sync
- ✓ Non-Slip Surface
- ✓ Deck Protection
- ✓ Equipment Protection



## PAYLOAD PADS

Easily identify safe landing areas for equipment, containers, personnel while protecting the deck. Payload pads can be shaped to any size and thickness' starting at 13mm or choose from our stock sizes. AMS® offers a variety of option to customize for specific application. Payload Pads are both portable or permanent.

AMS® Color Sync is an advancement we brought to industry. Each product manufactured will have the same color top to bottom. An important visual cue for safety, we offer 27 different colors to choose from or provide RAL code for color matching.

## CONFIGURATIONS

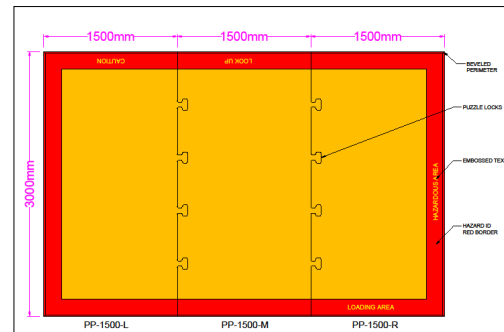
AMS® Payload Pads are available in custom sizes or stock pieces:

- 400mm x 400mm
- 700mm x 700mm

Our configuration PP-1500 for loading zones includes:

- embossed text,
- red hazard border
- beveled perimeter

This layout can be easily expanded with PP-1500-M to meet the size you need.



## MAINTENANCE & INSTALLATION

Routine housekeeping is just good practice. Light steaming, strong detergent with scrub brushes and/or non-flammable solvent will cut oil and grease. All matting is to be stored and/or transported flat. Installation methods are typical as all products can be secured with a variety of methods.

## ONSITE SERVICES & SUPPORT

Our global onsite service and support allow for the very best in customer service, we can have boots on the ground or sea to assist in surveys, installation and commissioning.

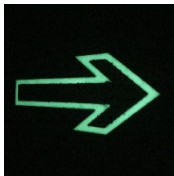
# PAYLOAD PADS

## PRODUCT SPECIFICATIONS

| AMS® Polymer Characteristics                             | PAYLOAD PADS E564        |                 | PAYLOAD PADS TC90 |                 |
|--|--------------------------|-----------------|-------------------|-----------------|
| Corrosive Resistant                                      | Yes                      |                 | Yes               |                 |
| Chemical Resistant                                       | Good                     |                 | Excellent         |                 |
| Grease/Oil   | Good                     |                 | Excellent         |                 |
| Fungus Resistant   | Non-nutrient             |                 |                   |                 |
| Ultraviolet Stability                                    | Yes                      |                 |                   |                 |
| Water Absorption %                                       | Less Than 0.01%          |                 |                   |                 |
| Shore Hardiness (ASTM 2240-85)                           | 85-90 Shore A            |                 | 75-85 Shore A     |                 |
| Dielectric Properties                                    | Electrically Dissipative |                 |                   |                 |
|  | <b>Metric</b>            | <b>Imperial</b> | <b>Metric</b>     | <b>Imperial</b> |
| Tensile Strength (ASTM 412 D - Die C)                    | 11 Mpa                   | 1,650 psi       | 33 Mpa            | 4,830 psi       |
| Tear Strength (ASTM D 624)                               | 29 kN/m                  | 165 pli         | 132 kN/m          | 752 lbf/in      |
| Elongation at Break (ASTM 412 D - Die C)                 | 300%                     |                 | 726%              |                 |
| Service Temperature                                      | -30°C to 100°C           | -22°F to 212°F  | -38°C to 93°C     | -40°F to 200°F  |
| Tested to FMVSS302 equiv. ISO 3795, ASTM D5132-04        |                          |                 | Pass              |                 |
| Tested to BS EN ISO 11925-2 & BS EN ISO 9293-1 & B.S 476 | Pass                     |                 |                   |                 |
| USCG Approval Cat.164.106 & 164.117                      | Not Applicable           |                 | Not Applicable    |                 |

## CUSTOMIZE WITH OUR VALUE-ADDED OPTIONS

Safety is also visual. AMS® offers several value-added options. All options are molded directly into the matting ensuring longevity and high quality. Choose from:



Photoluminescent Markings



Embossed Text



27 Colors



Beveled Edges



Puzzle Locks

## ORDERING

| AMS® Payload Pads P/N    | Polymer            | Thickness(mm)    | Size(s)             | Included  | Minimum Order     |
|--------------------------|--------------------|------------------|---------------------|---|-------------------|
| PP-Polymer-Thickness-400 | E564<br>or<br>TC90 | 15, 19 or Custom | 400 x 400           |   | 15mm: 12 Quantity |
| PP-Polymer-Thickness-700 |                    |                  | 700 x 700           |   | 19mm: 4 Quantity  |
| PP-Polymer-1500-L        |                    | 19 or Custom     | 1500 x 3000<br>each | Puzzle Locks, Red<br>Hazard ID Border,<br>Embossed Text &<br>Beveled Edge |                   |
| PP-Polymer-1500-M        |                    |                  |                     |   |                   |
| PP-Polymer-1500-R        |                    |                  |                     |   |                   |
| PP-Polymer-Thickness     |                    | 13mm and up      | You Choose          | You Choose  |                   |

Average Weights TC90: 1mm=1 kg/m<sup>2</sup> / E564:1mm=1.22 kg/m<sup>2</sup>

Contact us anytime with questions or assistance at **1.403.910.1492** or [sales@advancedmatsystems.com](mailto:sales@advancedmatsystems.com)