

## STRONGHOLD™ 4 Way Adhesive Backed Cable Tie Mounts:

StrongHold 4-way adhesive backed cable tie mounts are mounted with rubber-based adhesive foam tape. The adhesive backing provides a dependable method for securing wires and cables quickly and are an alternative to mechanical fasteners, providing lower installed cost.

- Allows cable tie entry from all four sides
- Available in 3 sized to meet application needs
- Rubber-Based Adhesive provides a strong and reliable bond



| Part Number | Used with StrongHold Cable Ties | Material          | Size L. X W             | Max. Static Load (lb, N) | Adhesive Type | Std. Pkg Qty. | Std. Ctn. Qty. |
|-------------|---------------------------------|-------------------|-------------------------|--------------------------|---------------|---------------|----------------|
| SMP12A-3X   | S*-18, S*-40                    | Natural Nylon 6.6 | .785 x .785 (20 x 20)   | 18lb, 80N                | Rubber        | 30            | 300            |
| SMP12A-C    | S*-18, S*-40                    | Natural Nylon 6.6 | .785 x .785 (20 x 20)   | 18lb, 80N                | Rubber        | 100           | 1000           |
| SMP12A-M    | S*-18, S*-40                    | Natural Nylon 6.6 | .785 x .785 (20 x 20)   | 18lb, 80N                | Rubber        | 1000          | 5000           |
| SMP16A-3X   | S*-18, S*-40, S*-50             | Natural Nylon 6.6 | .976 x .976 (25 x 25)   | 40lb, 180N               | Rubber        | 30            | 300            |
| SMP16A-C    | S*-18, S*-40, S*-50             | Natural Nylon 6.6 | .976 x .976 (25 x 25)   | 40lb, 180N               | Rubber        | 100           | 1000           |
| SMP16A-M    | S*-18, S*-40, S*-50             | Natural Nylon 6.6 | .976 x .976 (25 x 25)   | 40lb, 180N               | Rubber        | 1000          | 5000           |
| SMP18A-3X   | S*-18, S*-40, S*-50             | Natural Nylon 6.6 | 1.169 x 1.169 (30 x 30) | 49lb, 220N               | Rubber        | 30            | 300            |
| SMP18A-C    | S*-18, S*-40, S*-50             | Natural Nylon 6.6 | 1.169 x 1.169 (30 x 30) | 49lb, 220N               | Rubber        | 100           | 1000           |
| SMP18A-M    | S*-18, S*-40, S*-50             | Natural Nylon 6.6 | 1.169 x 1.169 (30 x 30) | 49lb, 220N               | Rubber        | 1000          | 5000           |
| SMP12A-3X0  | S*-18, S*-40                    | Black Nylon 6.6   | .785 x .785 (20 x 20)   | 18lb, 80N                | Rubber        | 30            | 300            |
| SMP12A-C0   | S*-18, S*-40                    | Black Nylon 6.6   | .785 x .785 (20 x 20)   | 18lb, 80N                | Rubber        | 100           | 1000           |
| SMP12A-M0   | S*-18, S*-40                    | Black Nylon 6.6   | .785 x .785 (20 x 20)   | 18lb, 80N                | Rubber        | 1000          | 5000           |
| SMP16A-3X0  | S*-18, S*-40, S*-50             | Black Nylon 6.6   | .976 x .976 (25 x 25)   | 40lb, 180N               | Rubber        | 30            | 300            |
| SMP16A-C0   | S*-18, S*-40, S*-50             | Black Nylon 6.6   | .976 x .976 (25 x 25)   | 40lb, 180N               | Rubber        | 100           | 1000           |
| SMP16A-M0   | S*-18, S*-40, S*-50             | Black Nylon 6.6   | .976 x .976 (25 x 25)   | 40lb, 180N               | Rubber        | 1000          | 5000           |
| SMP18A-3X0  | S*-18, S*-40, S*-50             | Black Nylon 6.6   | 1.169 x 1.169 (30 x 30) | 49lb, 220N               | Rubber        | 30            | 300            |
| SMP18A-C0   | S*-18, S*-40, S*-50             | Black Nylon 6.6   | 1.169 x 1.169 (30 x 30) | 49lb, 220N               | Rubber        | 100           | 1000           |
| SMP18A-M0   | S*-18, S*-40, S*-50             | Black Nylon 6.6   | 1.169 x 1.169 (30 x 30) | 49lb, 220N               | Rubber        | 1000          | 5000           |

Rubber-based Adhesive is the best choice for most adhesive mount applications, including applications where powder coated surfaces are being used. This pressure sensitive tape can be used in indoor environments with temperatures ranging from -20°F to 120°F (-29°C to 49°C). Rubber-based Adhesive Foam Tape is the most widely used and generally recommended foam tape for wire routing applications.

### Installation Guidelines Preparation

For best results, mounts should be applied to a clean, dry, and grease-free surface. It is recommended that for each individual application, a solvent or cleanser be used to thoroughly prepare the surface for mount installation.

The following are recommended cleaning guidelines:

1. For Rubber Adhesive, a mixture of water and isopropyl alcohol may be used on most surfaces.
2. Allow the surface to dry completely before applying the mount.

Installing onto the surface:

1. For proper installation of adhesive backed mounts with foam tape, remove the release liner from the foam adhesive. Without touching the adhesive, place the mount in the desired location.
2. Apply firm pressure for five (5) seconds to the foam tape mounts to insure proper adhesion.
3. Allow the mount to remain in place for the recommended dwell time for the specific adhesive being used. The dwell time for Rubber-based Adhesive Foam Tape is two (2) hours
4. The mount is now ready to be used.

## Mount Spacing:

To determine the proper number of mounts needed in each application, the following formula is a guideline:

$$\frac{\text{Cable bundle weight in lbs/foot}}{\text{Maximum static load rating of the mount*}} = \text{Minimum Number of Mounts per foot}$$

Example: To determine the mount spacing using part number SMP16A-3X in an application with a bundle weight of one pound per foot, the results would be:

$$\frac{1 \text{ pound per foot}}{0.5 \text{ lbs load rating}} = 2 \text{ mounts per foot}$$

## Proper Storage Conditions:

Adhesive backed mounts should be kept in the original packaging until they are ready to be applied. Store at room temperature 70°F (21°C) with 45% or less relative humidity. Avoid storing adhesive products near heating vents or other heating sources.

Using the guidelines above, the average shelf life of adhesive foam tape is three (2) years from the date of manufacture. Failing to follow the recommended storage conditions may reduce the shelf life or adhesive strength of the foam tape.

## Coated Foam Tape Properties:

|                  |             | Rubber Adhesive |
|------------------|-------------|-----------------|
| Backing Material |             | Polyethylene    |
| Thickness        | (In.) Total | 0.044"          |
|                  | Less Liner  | 0.042"          |