

## Data Sheet

# HiTherm FR 1" Loop Fasteners Gray

### Product Description

**Product Name** : Standard Sew on Loop Fasteners.

**Color(s)** : Gray

**Product Description** : Loop fastener with a FR coating that meet FAA & FMV specifications and conforms to Mil-Spec AA-55126A.

### Product Specification

|                                       |  |           |             |
|---------------------------------------|--|-----------|-------------|
| <b>Construction</b>                   | Woven  |           |             |
| <b>Material 100%</b>                  | Nylon  |           |             |
| <b>Width</b>                          | 1  | (inch)    | Method      |
| <b>Weight</b>                         | 0.008  | (oz/inch) | ASTM-D-3776 |
| <b>Thickness</b>                      | 0.082  | (inch)    |             |
| <b>Engaged Thickness</b>              | 0.131  | (inch)    |             |
| <b>Melting Point</b>                  | 392°F  |           |             |
| <b>Per Square Inch</b>                | 612 Loops  |           |             |
| <b>Peel Strength</b>                  | 1.12   | (lbf)     | ASTM-D-5170 |
| <b>Shear Strength</b>                 | 22.70  | (lbf)     | ASTM-D-5169 |
| <b>Stitch Tear Strength</b>           | 4.4  | (lbs)     | ASTM-D-2261 |
| <b>Breaking Strength</b>              | 169  | (lbf)     | ASTM-D-5035 |
| <b>Durability</b>                     | 2000 peels – 30% Closure Strength Reduction<br>5000 peels – 35% Closure Strength Reduction<br>10,000 peels – 45% Closure Strength Reduction<br>20,000 peels – 50% Closure Strength Reduction |           |             |
| <b>Recommended Storage Conditions</b> | 65°F - 75°F (18°C - 24°C) with relative humidity of 40% - 60%  |           |             |

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