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Westfield, NJ 07090
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Aplix[®] #820 Hook & Loop

SUPPLIER NAME:

**WBC INDUSTRIES
625 CENTRAL AVENUE
WESTFIELD, NJ 07090
1-800-818-2932**

COMMERCIAL PRODUCT NAME:

**Aplix[®] #820 Hook
Aplix[®] #820 Loop**

MANUFACTURER:

**Aplix, Inc.
12300 Steele Creek Road
Charlotte, NC 28273**

GENERAL DESCRIPTION:

- Hook: woven Nomex[®] base with nylon hooks
- Loop: woven 100% Nomex[®]
- Recommended for applications where a non-melting flame retardant tape is required.

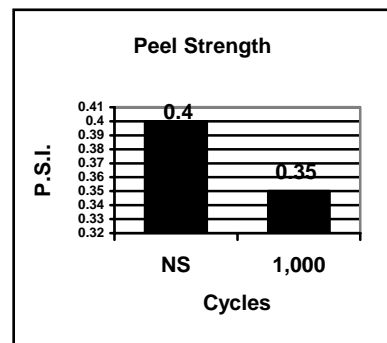
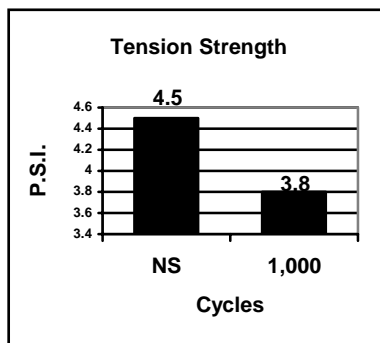
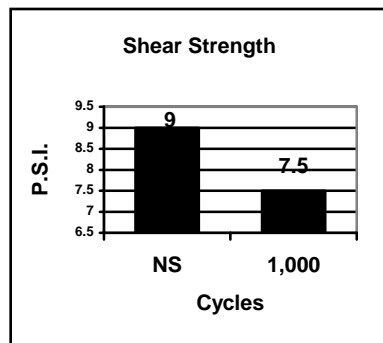
AVAILABILITY:

- Widths: 1" (25mm) and 2" (50mm)
- Colors: Natural (000), Olive Green (421)
- Packaging: 27 yards / roll, 270 yards / box

METHODS OF ATTACHMENT:

- Sewing, gluing, riveting or stapling

PERFORMANCE CHARACTERISTICS: Aplix[®] #820 Hook & Loop



Tests performed at 73°F (±3°F) and 50% (±5%) relative humidity. Data average of multiple tests.

Aplix[®] #820 Hook & Loop, continued

CERTIFICATION:

Aplix #820 meets the following specifications:

- FAR 25.853 12 and 60 seconds (test must be performed with hook and loop mated together)
- FMVSS-302

PHYSICAL PROPERTIES:

Hook Tape:	Woven Nomex [®] base with 6.5 mil nylon monofilament hooks
Loop Tape:	Woven Nomex [®] base with un-napped Nomex [®] loops
Weight:	698g / sq. yard of closure (835g / sq. meter)
Height:	Hook: 70 mils (1.8mm) Loop: 106 mils (2.7mm)
Thickness when mated:	1/8" (3.2mm)
Width tolerance:	1/16" (1.6mm)
Reactions to liquids:	Maximum shrinkage in boiling water: less than 1% Maximum humidity absorption: 5% Withstands washings up to 212°F (100°C)
Effects of temperature:	Resistant to heat: Hook tape: 280°F (138°C) Loop tape: 450°F (232°C) Resistance to cold: The closure resists cold down to -31°F (-35°C) The hook (nylon) will become brittle below this temperature
Resistance to chemicals:	Resists trichloroethylene, acids, acetone, hydrocarbons and alcohol. Sensitive to phenol and high polar solvents.

There is no express warranty, and all implied warranties, including those of merchantability or fitness for a particular purpose, are hereby excluded. Liability for incidental or consequential damages under any and all warranties is hereby excluded to the extent exclusion is permitted by law. All statements, technical device and recommendations contained herein are based on tests believed to be reliable as of 2004, but the accuracy thereof is not guaranteed. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risks and liability whatsoever in connection therewith.