

## Color Fastness

Item	Grade
Color fastness against washing	Grade 4 or superior
Color fastness against dry/wet rubbing	Grade 4 or superior
Color fastness against sweat	Grade 4 or superior
Color fastness against hot water	Grade 4 or superior
Color fastness against light	Grade 4 or superior

## Physical & Chemical Characteristics

**Resistance to heat** Softening point 356°F, Melting point 415 - 425°F

**Resistance to cold** No change at - 22°F for 5 hours

**Resistance to water** Retains 50% of closure strength in water and recovers 100% of strength after drying

### Resistance to chemicals

**Alkalis** Resistant to 50% caustic soda and 28% ammonia solutions

**Acids** Resistant to 7% hydrochloric acid, 20% sulfuric acid and 10% nitric acid solutions

**Influence to insects, mold** Not affected

**Influence to humidity** In humidity over 90% RH, closure strength is somewhat reduced

## Important Notice To Customer

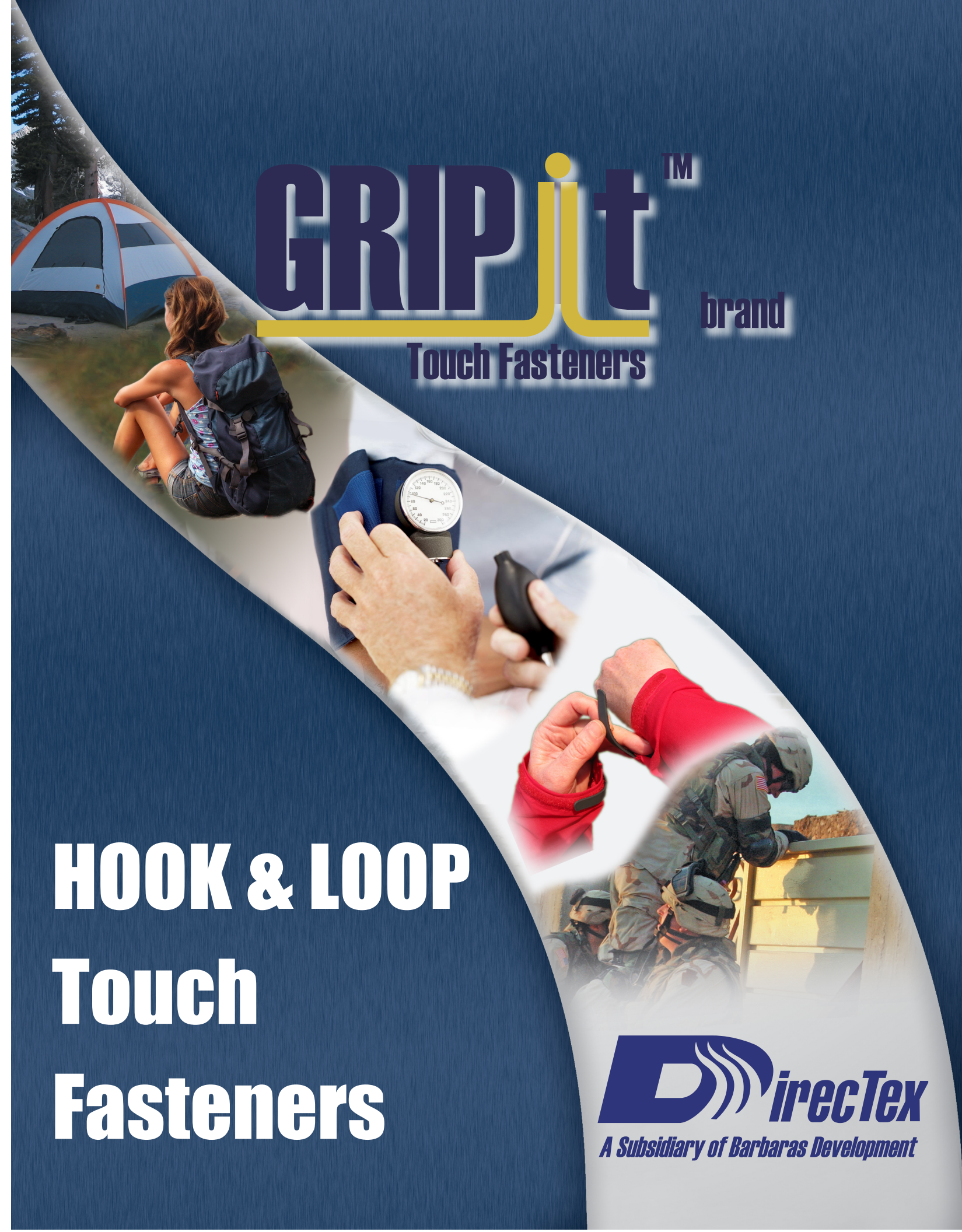
It is the responsibility of the customer to determine the suitability of all DirecTex products for use in their application. This includes use of any Grip-it® Fasteners.

**Alabama** 304 S. Leighton Ave · Anniston, AL · 36207 · Phone: 256.235.2220 · Fax 256.235.2275 · **800.845.3603**

**California** 5510 Grace Place · Commerce, CA · 90022 · Phone: 323.888.4277 · Fax 323.888.4278 · **877.844.4644**

**Colorado** 1370 Miners Drive Ste #112 · Lafayette, CO · 80026 · Phone: 303.664.1000 · Fax 303.664.1006 · **800.759.8069**

[www.directex.net](http://www.directex.net)



**GRIPit**™  
 brand  
 Touch Fasteners

**HOOK & LOOP**  
**Touch**  
**Fasteners**



## Who We Are

The **Grip-It™** team brings a combined experience of over 100 years in hook and loop fastener business. From experience, we understand your application requirements and can provide a wide variety of hook and loop fasteners to meet your needs.

Our application, product knowledge, and product development experience is unparalleled in the industry and spans across multiple market segments including:

- Medical—Orthopedic Bracing, Splinting Materials, Hospital Disposables, Blood Pressure Cuffs.
- Electronics—Wire Management, Cable Ties, Straps and Assemblies.
- Personal Care—Disposable Diapers, Feminine Hygiene
- Automotive—Cable Management, Interior Noise Reductions Fastners
- Textiles—Apparel, Furniture, Sporting Goods and Toys

Engineered from insight **Grip-It™** products are designed and manufactured to meet even the most demanding of applications.

**Grip-It™** brand products are manufactured for and distributed by DIRECTEX, a global company leading the way in innovative and quality products priced with an understanding of today's competitive environment.

DirecTex is confident that **Grip-It™** will be your brand of choice once you experience the quality and value.

DirecTex stocks **Grip-It™** in Black & White for your convenience, below are the other color options....



Fluorescents— Pink—Orange—Yellow—Green

## Product Availability



### Woven

- Standard Hook
- Napped Loop
- Un-Napped Loop
- Elastic Loop
- Polyester Hook & Loop

### Features and Advantages of Grip-It Touch Fasteners

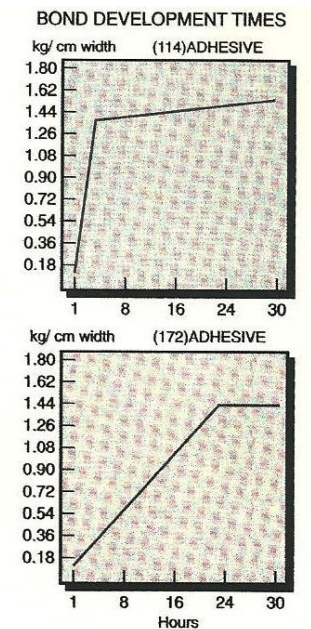
- High Closure Strength
- Attach by sewing, gluing, stapling or heat sealing
- Washable & dry-cleanable
- Durable, reusable
- Can be sterilized or autoclaved
- Use on fabric, leather, vinyls & plastics, metal, glass or wood
- Color fast
- Easily cut to size or shape
- Quick to fasten, sure to release
- Resistant to UV light

### Molded Hook

- DTX—2 High Performance Hook  
Ideally suited for low pile knit loop
- DTX—4 Aggressive High Performance Hook  
Best used with high pile woven loop
- DTX—22 Molded Hook Laminated to Knit Loop  
Soft Flexible—all purpose strapping needs
- DTX—42 Heavy Molded Hook Laminated to Knit Loop

### Grip-It Adhesive Options

- **Rubber—based adhesive tape**  
High tack, quick setting, achieves 90% bond strength in about an hour. Full bond strength in 24 hours. Temperature operating range 0° - 160°F
- **Acrylic adhesive tape**  
High temperature use. High strength, moderate tack-medium setup. Full bond strength in 24 hours. Temperature operating range 0° - 226°F
- **PC Tape**  
Precoated tape—factory applied adhesive backing activated by special adhesives, solvents, heat, ultrasonics or dielectrics
- **FR Tape**  
Flame retardant tape-meets FAA 25 853 (b) specification
- **PET Tape**  
Polyester tape for marine use or for resistance to UV light and chemicals



Product Style and Suggested Fastening Usage	Available Mating Components	Cycle Life	Length-Wise PSI Average	Width-Wise PSI Average	Latching Effect PSI Average	Length-Wise PIW Average
			Shear Strength	Shear Strength	Tension	Peel Strength
Napped Loop Everyday fastening products	Standard Hook	High	14.0	10.5	6.5	1.20
Un-napped Loop For Very High Cycle Life Applications	Standard Hook	Highest	8.5	7.0	8.5	.35

Available Widths	Standard Put—Ups	Colors Options	Available Custom Services
5/8", 3/4", 1"	25 and 50 yard reels	Stock black & white	• Free cutting with standard pricing
1 1/2", 2 and 4"	Dispenser Packs	Special order color option	• Application design
	Cross-Wound Spools	Dye to match	• Complete packaged assemblies & subassemblies
			• RF, ultrasound, welding and sewing processes