

STANDARD CAD-CUT [®] HEAT TRANSFER VINYL								
FABRIC	GORILLA GRIP [®] II	Premium Plus [™]	Silicone Dye-Block [™]	Soft Flock	SportFilm Lite [™]	Thermo-FILM [®]	Thermo-GRIP [®]	UltraWeed [™]
100% Cotton, Cotton/Poly Blends		280-300°F, 8-12 sec, Medium Pressure, Peel Hot	302°F, 10-15 sec, Medium Pressure, Peel Cold	311°F, 15 sec, Medium Pressure, Peel Warm	302°F, 10-12 sec, Medium Pressure, Peel Warm	330°F, 6-8 sec, Medium Pressure, Peel Hot		280-300°F, 12 sec, Medium Pressure, Peel Hot
Lycra [®] /Spandex		280-300°F, 8-12 sec, Medium Pressure, Peel Hot			302°F, 10-12 sec, Medium Pressure, Peel Warm			260°F, 12 sec, Medium Pressure, Peel Hot
Tri-Blends, Acrylic Blends, Poly/Rayon Blends		280-300°F, 8-12 sec, Medium Pressure, Peel Hot						260°F, 12 sec, Medium Pressure, Peel Hot
Sublimated Polyesters			290°F, 10 sec, Medium Pressure, Peel Cold	311°F, 15 sec, Medium Pressure, Peel Warm				
Nylons/Most Cordura [®] Fabrics	320°F, Tack 2 sec, peel cold, cover and seal 10 sec, Light Pressure, Peel Cold		290°F, 10 sec, Medium Pressure, Peel Cold		302°F, 10-12 sec, Medium Pressure, Peel Warm		330°F, 6-8 sec, Medium Pressure, Peel Warm	
Leather	320°F, Tack 2 sec, peel cold, cover and seal 10 sec, Light Pressure, Peel Cold				302°F, 10-12 sec, Medium Pressure, Peel Warm			
Neoprene						330°F, 6-8 sec, Medium Pressure, Peel Hot		
Polypropylene		280-300°F, 8-12 sec, Medium Pressure, Peel Hot						260°F, 12 sec, Medium Pressure, Peel Hot
PVC, Faux Leather (PU), Vegan Leather, Vinyl								260°F, 12 sec, Medium Pressure, Peel Hot

FEATURES & BENEFITS

- GORILLA GRIP[®] II** Thin, flexible, fast weeding
- Premium Plus[™]** Maximum stretch and rebound, softest hand
- Silicone Dye-Block[™]** Maximum dye migration blocker, fast weeding, dimensional product
- Soft Flock** Inhibits dye migration, dimensional product
- SportFilm Lite[™]** Great for names and numbers, sticks to almost any fabric, fast weeding

- Thermo-FILM[®]** Most abrasion resistant, #1 choice for athletic jerseys
- Thermo-GRIP[®]** Most abrasion resistant, best choice for nylon athletic garments, semi-gloss
- UltraWeed[™]** Easy to weed, lowest application temp for sensitive fabrics, achieve fine detail

SPECIAL EFFECTS CAD-CUT™ HEAT TRANSFER VINYL

FABRIC	3M™ Scotchlite™ 5807	Chalkboard	Chroma Bling	Chroma-TWILL™	Fashion-FILM® Electric	Foil/Adhesive	Glitter Flake™	Glow	Hologram	Reflective II	Soft Metallic	UV Shift
100% Cotton, Cotton/Poly	325-350°F, 10-20 sec, Firm Pressure, Peel Hot	275°F, 15 sec, Medium Pressure, Peel Warm	300°F, 10 sec, Medium Pressure, Peel Cold	302°F, 20 sec, Medium Pressure, Peel Cold	305°F, 10-15 sec, Medium Pressure, Peel Hot	300°F, 8-10 sec, Firm Pressure, Peel Cold	302°F, 10-12 sec, Medium Pressure, Peel Hot	305°F, 10-15 sec, Medium Pressure, Peel Warm	320°F, 10-15 sec, Firm Pressure, Peel Cold	302°F, 10-12 sec, Medium Pressure, Peel Hot	285°F, 8-10 sec, Medium Pressure, Peel Cold	302°F, 10-12 sec, Medium Pressure, Peel Hot
100% Polyester	325-350°F, 10-20 sec, Firm Pressure, Peel Hot	275°F, 15 sec, Medium Pressure, Peel Warm	300°F, 10 sec, Medium Pressure, Peel Cold	302°F, 20 sec, Medium Pressure, Peel Cold	305°F, 10-15 sec, Medium Pressure, Peel Hot	300°F, 8-10 sec, Firm Pressure, Peel Cold	302°F, 10-12 sec, Medium Pressure, Peel Hot	305°F, 10-15 sec, Medium Pressure, Peel Warm	320°F, 10-15 sec, Firm Pressure, Peel Cold	290°F, 10-12 sec, Medium Pressure, Peel Hot	285°F, 8-10 sec, Medium Pressure, Peel Cold	302°F, 10-12 sec, Medium Pressure, Peel Hot
Nylon	325-350°F, 10-20 sec, Firm Pressure, Peel Hot									290°F, 10-12 sec, Medium Pressure, Peel Hot		
Lycra®/Spandex	325-350°F, 10-20 sec, Firm Pressure, Peel Hot				305°F, 10-15 sec, Medium Pressure, Peel Hot							
Cordura®	325-350°F, 10-20 sec, Firm Pressure, Peel Hot											

FEATURES & BENEFITS

- 3M™ Scotchlite™ 5807** Industry standard reflective HTV
- Chalkboard** Create your own message with standard chalk
- Chroma Bling** Iridescent, changes color based on lighting and fabric
- Chroma-TWILL™** Twill texture with a glossy, iridescent shift
- Fashion-FILM® Electric** Vivid fashion colors, thin, soft, and durable
- Foil/Adhesive** Can hold fine detail, consistent adhesion
- Glitter Flake™** Textured glitter, most popular special effects HTV, won't wash away
- Glow** Great for "lights out" events
- Hologram** Prism-like finish with rainbow effect
- Soft Metallic** One step foil look, easy to weed
- Reflective II** Lower temperature reflective HTV
- UV Shift** Color changing activated by UV/sunlight

NOTES

To reduce the heat press marks or minor scorching on temperature sensitive fabrics we recommend using a Flexible Application Pad (FAP) as a cover sheet. When using the FAP, **add 10 seconds** to the application time listed.

Time and Temperature are based on the STAHL'S® Hotronix® brand of heat presses. Verify the temperature accuracy of your heat press. Proper adhesion is a function of the proper combination of time, temperature, and pressure.

Choose the heat transfer vinyl material that has an adhesive that is suggested for your fabric. We do not guarantee adhesion to fabrics with water repellent and waterproof coatings. SPF coatings and softener coatings may inhibit proper adhesion.

We recommend testing the adhesion on the garment prior to running full production. When in doubt of heat sensitivity, consult with the garment manufacturer or distributor to verify the heat threshold of the fabric.

DIMENSIONAL CAD-CUT® HEAT TRANSFER VINYL				
FABRIC	Puff	Silicone Dye-Block™	Soft Flock	Soft Foam
100% Cotton, Cotton/Poly	280°F, 8-10 sec, Medium Pressure, Hot Cold	302°F, 10-15 sec, Medium Pressure, Peel Cold	311°F, 15 sec, Medium Pressure, Peel Warm	300°F, 15 sec, Light/Medium Pressure, Peel Cold
100% Polyester	280°F, 8-10 sec, Medium Pressure, Hot Cold	290°F, 10-15 sec, Medium Pressure, Peel Cold	311°F, 15 sec, Medium Pressure, Peel Warm	300°F, 15 sec, Light/Medium Pressure, Peel Cold
Nylon		290°F, 10-15 sec, Medium Pressure, Peel Cold		
Lycra®/Spandex				300°F, 15 sec, Light/Medium Pressure, Peel Cold
Cordura®				
Sublimated Polyester		290°F, 10-15 sec, Medium Pressure, Peel Cold	311°F, 15 sec, Medium Pressure, Peel Warm	

FEATURES & BENEFITS

Puff	3D-like effect with matte finish
Silicone Dye-Block™	Flexible dimensional HTV with silicone feel
Soft Flock	High-density rayon fibers, soft and smooth finish
Soft Foam	Soft, velvet-like texture and dimensional effect

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