



STAHL'S
MASTER DISTRIBUTOR



DIGITAL TECHNOLOGY GROUP



SYSTEMS > SUPPLIES > SUPPORT

TABLE OF CONTENTS

CAD-CUT® MATERIALS

- 4** UltraWeed™
- 5** Thermo-FILM®
- 5** Thermo-GRIP®
- 6** Premium Plus™
- 7** SportFilm Lite™
- 7** Silicone Dye-Block™
- 8** GORILLA GRIP® II
- 8** Soft Foam
- 9** Soft Flock
- 9** Fashion-Film® Electric
- 10** Glitter Flake™
- 11** Hologram
- 11** UV Shift **New**
- 12** Chroma Bling
- 12** Chalkboard
- 12** Glow
- 13** Reflective Glitter
- 13** Metallic
- 14** Patterns
- 15** Heat Transfer Foil
- 15** Heat Press Adhesive
- 16** Puff **New**
- 16** Chroma-TWILL **New**
- 17** 3M™ Scotchlite® 5807
- 17** Reflective II
- 18** Permanent P.S. Sign Vinyl
- 18** P.S. Glitter Adhesive Vinyl

CAD-COLOR® MATERIALS

- 20** Express Print®
- 20** Soft Opaque II
- 20** SuperTEK® SubliStop™
- 21** SuperTEK® Opaque
- 21** SuperTEK® Matte Clear
- 21** SuperTEK® Gloss Clear
- 22** Glitter
- 22** Soft Foam
- 23** Solutions® Mask
- 23** Low Tack Magic Mask®
- 23** Medium Tack Magic Mask®
- 23** High Tack Magic Mask®
- 23** DuraSol® Printable Sign Vinyl

PRE-CUT LETTERS & NUMBERS

- 24** Pro Block Letters
- 24** Pro Block Numbers
- 25** Varsity Letters
- 25** Varsity Numbers
- 25** Team US Numbers

LETTERING ACCESSORIES

- 26** CAD-CUT® Weeding Panel
- 26** EZ Weeder®
- 26** Heat Press Pillows
- 26** Heat Press Pads
- 26** Flexible Application Pad
- 27** Cover Sheets
- 27** Heat Eraser
- 27** Thermo-Tape™
- 27** Tape Dispenser
- 27** Lite-Tack Spray
- 27** AlbaChem Letter Removing Solvent

HOTRONIX® HEAT PRESSES

- 28** 360 IQ® Hat Press
- 28** Dual Air Fusion IQ®
- 28** Air Fusion IQ®
- 29** Table Top Air Fusion IQ®
- 29** Fusion IQ®
- 29** Auto Cap
- 30** Auto Open Clam
- 31** MAXX® Heat Presses

HEAT PRESS PLATENS & ACCESSORIES

- 32** Hotronix® Power Platen™
- 32** Tag Along™ HP Platen
- 32** Interchangeable Cap Platens
- 33** Quick Change Platens
- 33** Platen Covers
- 34** Hotronix® Laser Alignment System
- 34** Hotronix® Heat Press Caddie™
- 34** Heat Printing Equipment Cart
- 34** STAHL'S EZ Weeding™ Table

COUNT ON CAD-CUT[®]

HEAT TRANSFER AND SIGN VINYL

With an extensive selection of colors, textures, and finishes, STAHL'S[®] offers an advanced line of roll goods for every job, fabric, garment, or textile. From basic cotton to performance nylon and beyond, there's an easy-to-use material for nearly any item.

For up-to-date material colors, Pantone[®] references, application instructions, and cutting specs, visit our website.



DESIGN



CUT



WEED

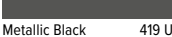


HEAT APPLY

CAD-CUT® ULTRAWEED™

Your go-to material for everyday projects

UltraWeed™ is the go-to material you need for everyday heat printing projects. With smooth cutting on any vinyl cutter, effortless weeding, and low temp application, it's guaranteed to give you the ultimate, worry-free application from start to finish.

			
White 7541 C	Gray 423 U	Black 7 C	Pale Yellow 587 U
			
Maize 7408 C	Yellow 7549 U	Gold 7408 U	Old Gold 139 U
			
Texas Orange 7586 C	Pumpkin 166 U	Orange 7579 C	Bright Red 3546 U
			
Red 1805 C	Cardinal 697 C	Burgundy 195 C	Coral 4051 U
			
Pink 2043 C	Medium Pink 507 U	Dark Pink 7432 C	Lilac 4120 U
			
Amethyst 3543 U	Ultra Violet 274 U	Carolina Blue 283 C	Light Blue 278 C
			
Columbia 646 C	Royal 280 U	Cyan 640 U	Light Navy 2379 C
			
Navy 5395 U	Bahama Blue 2227 C	Mint Blue 3533 C	Shark Teal 2403 U
			
Lime 381 U	Greenery 2276 C	Apple Green 2277 U	Kelly 2465 C
			
Dark Green 7736 C	Cream 155 C	Medium Brown 2322 U	Neon Yellow 388 U
			
Neon Orange 164 C	Neon Pink 211 U	Neon Raspberry 1915 C	Neon Blue 2173 C
			
Neon Green 7488 U	Metallic Black 419 U	Vegas Gold 4515 U	Metallic Gold 7556 U
			
Rose Gold 7633 C	Metallic Silver 4275 C		

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	7-9	0	20 cm/s
Roland® DG	45°	60-90g	.25	20 cm/s



Time: 12 seconds
Temperature: *260-300°F
Pressure: Medium
Peel: Hot

**280-300°F if garment contains 50% or more cotton*



Cotton
Polyester
Cotton/Poly Blends
Lycra®/Spandex



CAD-CUT® THERMO-FILM®

#1 choice for contact sports uniforms

Thermo-FILM® is the best choice for contact sports with its extreme durability and enhanced abrasion resistance. Its superior opacity is perfect for inhibiting dye migration on polyester garments. Decorate team uniforms in seconds with this easy-to-use vinyl in a variety of popular athletic colors.

White	649 U	Black	Black 6 U	Charcoal	433 U	Gray	4276 U
Maize	1225 C	Gold	7408 U	Old Gold	146 U	Orange	7579 C
Red	1807 C	Cardinal	697 C	Maroon	7617 C	Pink	3568 C
Purple	2371 U	Brown	2336 C	Columbia	646 U	Royal	2146 U
Navy	4140 C	Shark Teal	569 U	Kelly	2427 U	Dark Green	7736 C
Vegas Gold	2324 C	Metallic Silver	421 U				

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	18-20	0	30 cm/s
Roland® DG	45°	140-160g	.25	30 cm/s



Time: 6-8 seconds
Temperature: 330°F
Pressure: Medium
Peel: Hot



Cotton
Polyester
Cotton/Poly Blends

CAD-CUT® THERMO-GRIP®

Best choice for athletic nylon garments

Thermo-GRIP® vinyl has a patented adhesive specially formulated to decorate Dazzle and nylon mesh with ease. Durable and easy to use, it's a terrific option for use on nylon athletic uniforms.

White	6741 U	Black	7 C	Gray	4276 U	Gold	137 C
Orange	7579 C	Red	1807 C	Maroon	2478 C	Purple	3574 C
Royal	2140 C	Navy	4140 C	Dark Green	7736 C		

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	18-20	0	30 cm/s
Roland® DG	45°	140-160g	.25	30 cm/s



Time: 6-8 seconds
Temperature: 330°F
Pressure: Medium
Peel: Warm



Cotton
Polyester
Cotton/Poly Blends
Nylon Mesh
Dazzle®

CAD-CUT® PREMIUM PLUS™ HIGH TACK & LOW TACK

Perfect for performance wear personalization

With superior stretch and rebound, Premium Plus™ was designed to keep up with the most strenuous movements while retaining its original shape. This low-temp material is the ideal choice when decorating heat-sensitive performance wear, and once heat applied has an extremely soft and lightweight feel.

			
White7541 U	GrayCool Gray 8 U	Charcoal425 C	Black426 C
			
Maize7408 C	Gold129 U	Old Gold17-0949 TPG U	Orange7579 C
			
Texas Orange7586 C	Red7622 C	Burgundy195 C	Maroon7645 C
			
Pink2043 C	Medium Pink507 C	Fuchsia207 U	Purple7679 C
			
Carolina Blue283 C	Columbia16-4032 TPG	Cyan7689 C	Royal7687 C
			
University Blue2378 C	Navy4280 C	Bahama Blue2227 C	Teal17-5029 TPG
			
Apple Green363 C	Kelly349 C	Dark Green553 C	Camel4047 C
			
Medium Brown7589 C	BrownBlack 7 C	Neon Yellow388 U	Neon Orange2013 U
			
Neon Pink211 U	Neon Blue2995 U	Neon Green7488 C	Metallic Silver Cool Gray 5 C
			
Metallic Gold465 C			

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	9-11	0	20 cm/s
Roland® DG	45°	90-110g	.25	20 cm/s



Time: 8-12 seconds
Temperature: 280-300°F
Pressure: Medium
Peel: Low Tack - Warm
High Tack - Hot



Cotton
Polyester
Cotton/Poly Blends
Lycra®/Spandex



CAD-CUT[®]
SPORTFILM LITE[™]
Best value material for lightweight garments

SportFilm Lite[™] heat transfer material is thin yet durable, cuts and weeds easily, and is great for lightweight active garments.

			
White649 U	Gray429 U	BlackBlack 7 C	Maize7404 U
			
Athletic Gold7549 U	Orange166 U	Red4062 C	Maroon2478 C
			
Purple7676 C	Sky Blue7454 U	Columbia2148 C	Royal622 U
			
Navy5395 U	Shark Teal327 U	Kelly3500 U	Dark Green4202 C
			
Brown7631 U	Neon Yellow388 U	Neon Orange2013 U	Neon Pink190 C
			
Neon Blue2202 U	Neon Green7488 C	Metallic Silver427 U	Vegas Gold4004 U
			
Metallic Gold7562 C			

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	9-11	0	30 cm/s
Roland [®] DG	45°	90-110g	.25	30 cm/s



Time: 10-12 seconds

Temperature: 302°F

Pressure: Medium

Peel: Warm



Cotton

Polyester

Cotton/Poly Blends

Lycra[®]/Spandex

Nylon

CAD-CUT[®]
SILICONE DYE-BLOCK[™]
Eliminate dye migration today

Get the dye-blocking power of silicone without messy ink or the need to burn screens. Simply cut the name, number, or logo, weed, and apply with a heat press.

			
White649 U	Gray423 C	Black426 C	Red7628 C
			
Sky Blue297 C	Royal3590 C	Kelly7733 C	

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	11-13	0	20 cm/s
Roland [®] DG	45°	110-130g	.25	20 cm/s



Time: 10-15 seconds

Temperature: 290-302°F

Pressure: Medium

Peel: Cold



Sublimated Polyester

Cotton

Polyester

Cotton/Poly Blends

Uncoated Nylon

CAD-CUT® GORILLA GRIP® II

Best choice for heat printing on nylon

Ideal for decorating equipment bags and jackets, GORILLA GRIP® vinyl adheres to difficult fabrics such as tightly woven nylons, oxfords, satin, crinkle, and rip stop nylon.

			
White 663 C	Black 447 C	Gold 3514 U	Red 1807 C
			
Hot Pink 212 U	Royal 2945 U	Navy 2965 C	Kelly 7732 C
			
Vegas Gold 4248 C	Metallic Silver 4274 C	Metallic Gold 3547 U	

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	8-10	0	20 cm/s
Roland® DG	45°	70-100g	.25	20 cm/s



Time: Tack 2 seconds,
peel cold, cover and
seal 10 seconds
Temperature: 320°F
Pressure: Light
Peel: Cold

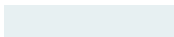
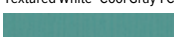
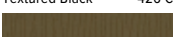


Cotton
Cordura®
Nylon

CAD-CUT® SOFT FOAM

Unique with a raised look

Soft Foam offers all the benefits of our traditional HTV, but adds a unique, raised look and feel to any item it's applied to—like graphic tees and hoodies. Its soft, velvet-like texture and dimensional effect is perfect for creating premium designs for everyday fashion, spirit wear, athletics, and more.

			
White 7541 U	Eagle Gray 422 U	Black 419 C	Raven Gold 3547 U
			
Bright Red 3517 U	Royal 2146 U	Navy 2379 C	Camel 4656 U
			
Textured White 1C	Textured Black 426 C	Textured Pink 679 U	Textured Light Blue 621 C
			
Textured Mint 337 C	Textured Dark Tan 7755 U	Textured Brown 7617 C	

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	24-26	0	30 cm/s
Roland® DG	60°	70-90g	.5	30 cm/s



Time: 15 seconds
Temperature: 300°F
Pressure: Light/Medium
Peel: Cold



Cotton
Polyester
Cotton/Poly Blends

CAD-CUT® SOFT FLOCK

Add texture and depth to designs

This durable flocked vinyl is a great alternative to embroidery for left chest logos and more, featuring high-quality, high-density fibers. Soft Flock is easy to weed and has a super soft, plush feel that adds texture to any item it's applied to.

			
White 656 U	Gray 4278 C	Charcoal 425 C	Black 419 C
			
Lemon Yellow 7405 C	Boot Yellow 2007 U	Gold 2012 C	Orange 2349 C
			
Bright Red 7621 C	Deep Red 188 C	Pale Pink 494 U	Fuchsia 215 C
			
Burgundy 4103 C	Purple 7665 C	Pale Blue 4156 U	Royal 2766 C
			
Navy 532 C	Turquoise 7710 C	Sea Glass 337 C	Green 349 C
			
Olive 7750 U	Brown 2479 C	Baby's Breath 7500 C	

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	12	0	25 cm/s
Roland® DG	45°	80g	.25	30 cm/s



Time: 15 seconds
Temperature: 311°F
Pressure: Light/Medium
Peel: Warm

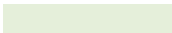


Cotton
Polyester
Cotton/Poly Blends

CAD-CUT® FASHION-FILM® ELECTRIC

Vivid color palette for fashionable looks

Add high-energy designs to apparel and more with this bold and unique heat transfer vinyl. CAD-CUT® Fashion-FILM® Electric colors have a jewel-like finish and are perfect for creating vivid looks your customers will love.

			
Electric Pearl	Cool Gray 1 U	Electric Charcoal 418 U	Electric Liquid Gold 1355 C
			
Electric Atomic Orange 4013 C	Electric Copper 4014 U	Electric Firecracker Red 3517 U	Electric Cranberry 4077 C
			
Electric Cotton Candy 516 C	Electric Magenta 2353 C	Electric Grape Ice 2086 U	Electric Purple 2765 U
			
Electric Jet Stream Blue 647 C	Electric Indigo 4145 U	Electric Blue Frost 5523 C	Electric Teal 563 C
			
Electric Sour Apple 2295 C	Electric Green 7739 U	Electric Olive 4193 C	Electric Prism Cool Gray 2 U
			
Electric Gold Prism 4022 C			

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	8-10	0	30 cm/s
Roland® DG	45°	80-100g	.25	30 cm/s



Time: 15 seconds
Temperature: 320°F
Pressure: Medium
Peel: Hot



Cotton
Polyester
Cotton/Poly Blends
Lycra®/Spandex

CAD-CUT® GLITTER FLAKE™

Ideal for cheer and spirit wear

Glitter Flake™ is best known as textured glitter heat transfer vinyl used to produce vibrant designs. This unique, bling material is perfect for creating stand-out looks for fan and spirit wear, cheer uniforms, fashion garments, and more.

White 7541 U	Rainbow White 7541 C	Charcoal 4137 U	Black Black 7 C
Rainbow Black Black 7 C	Pale Yellow 460 U	Yellow Gold 457 C	Orange 1675 C
Rose Gold 500 U	Copper 2467 U	Bronze 2350 U	Brown 4635 U
Coral 170 U	Rainbow Coral 2445 C	Red 1807 C	Maroon 4077 C
Light Pink 223 U	Medium Pink 2057 U	Pink 215 U	Cherry 2048 C
Hot Pink 7647 C	Rainbow Plum 2061 U	Plum 242 U	Lavender 2583 U
Purple 7664 C	Eggplant 2622 C	Periwinkle 7682 C	Columbia 7454 C
Royal 2383 C	Bright Royal Reflex Blue C	Navy 2955 U	Aqua 2183 C
Beach Blue 2234 C	Mint 2455 C	Jade 563 C	Green 2244 C
Light Green 2276 U	Kelly 356 C	Dark Green 4215 C	Fluorescent Yellow 2296 U
Fluorescent Orange 1565 U	Fluorescent Pink 210 U	Fluorescent Purple 2572 C	Fluorescent Blue 297 U
Fluorescent Green 7487 U	Silver 428 C	Hologram Silver 421 U	Light Multi 4275 C
Black/Silver Cool Gray 8 C	Black/Gold 2329 C	Vintage Gold 2323 U	Gold 466 C
Hologram Gold 4515 U	Confetti 7653 C	Florida Orange 7625 C	Teakwood 2335 C
Peacock Teal 2214 C	Coronado Gold 7766 C		

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	18-22	0	30 cm/s
Roland® DG	45°	190-210g	.25	30 cm/s



Time: 10-12 seconds
Temperature: 290-302°F
Pressure: Medium
Peel: Hot



Cotton
Polyester
Cotton/Poly Blends

CAD-CUT® HOLOGRAM

Bright lights and big impact

Hologram heat transfer material has a shiny prism-like finish which features a rainbow effect. The image shifts as the wearer moves, creating a distinctive visual effect.

			
Black 7547 C	Orange 1595 U	Red 186 C	Pink 701 U
			
Fuchsia 2353 U	Purple 2602 C	Light Blue 5445 U	Blue 2738 U
			
Navy 431 U	Aqua 2200 C	Green 362 C	Silver Warm Gray 1 U
			
Gold 156 C	Multi Rainbow	Crystal Warm Gray 1 C	Gold Crystal 2006 C

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	15-17	0	30 cm/s
Roland® DG	45°	140-160g	.25	30 cm/s



Time: 10-15 seconds
Temperature: 320°F
Pressure: Firm
Peel: Cold



Cotton
Polyester
Cotton/Poly Blends

CAD-CUT® UV SHIFT

New

Color changing HTV that transforms in light

Give custom apparel a creative edge with this magic, color changing HTV! UV Shift is available in 4 vibrant colors that appear white until activated by sunlight or UV light. This fun, color-shifting material makes it easy to get creative with designs and unique placements.

			
White 7401 C	Magenta 514 U C	Blue 5513 C	Violet 2072 C

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	8	0	30 cm/s
Roland® DG	45°	60-100g	.25	30 cm/s



Time: 10-12 seconds
Temperature: 302°F
Pressure: Medium
Peel: Hot



Cotton
Polyester
Cotton/Poly Blends

CAD-CUT® CHROMA BLING

Unique iridescent vinyl

Create eye-catching designs with this special effect vinyl that changes color based on lighting and the garment to which it's applied. It combines a shiny metallic finish with iridescence and a hint of sparkle to create a truly unique visual effect.

	Blue Shift	699 C		Clear Shift	7422 U		Green Shift	1585 U		Pearl Shift	2050 U
	Red Shift	1235 U		Royal Shift	190 U		Yellow Shift	1365 U			

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	10-16	0	30 cm/s
Roland® DG	45°	120-150g	.25	30 cm/s



Time: 10 seconds
Temperature: 300°F
Pressure: Medium
Peel: Cold



Cotton
Polyester
Cotton/Poly Blends

CAD-CUT® CHALKBOARD

The power of instant customization



Black

Make any shirt into a chalkboard with this innovative heat transfer vinyl. Using standard chalk, customers can write or draw anything they want on the unique surface, then wipe it clean with a damp cloth.

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	8-10	0	30 cm/s
Roland® DG	45°	70-90g	.25	30 cm/s



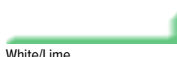
Time: 15 seconds
Temperature: 275°F
Pressure: Medium
Peel: Warm



Cotton
Polyester
Cotton/Poly Blends

CAD-CUT® GLOW

Create glow-in-the-dark graphics



White/Lime

Excellent for special event, party, and promotional apparel, this glow-in-the-dark heat transfer vinyl appears white in normal lighting but emits a lime-colored glow when the lights are out.

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	8-10	0	30 cm/s
Roland® DG	45°	60-90g	.25	30 cm/s



Time: 10-15 seconds
Temperature: 305°F
Pressure: Medium
Peel: Warm

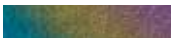


Cotton
Polyester
Cotton/Poly Blends

CAD-CUT[®] REFLECTIVE GLITTER

Reflective designs that dazzle and shine

Sparkles never go out of style! Get creative with our new smooth glitter heat transfer vinyl featuring a glossy feel and a unique reflective finish that shifts in the light. Reflective Glitter will make any garment you decorate stand out from the crowd.

			
Yellow Gold 456 C	Orange 153 U	Copper 4056 C	Red 7740 C
			
Fuchsia 2354 C	Purple 2603 U	Blue 2390 C	Aqua 2222 C
			
Navy 5535 U	Green 7741 C	Rainbow	Silver 415 U

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	13	0	35 cm/s
Roland [®] DG	45°	120g	.25	30 cm/s



Time: 15 seconds
Temperature: 300°F
Pressure: Medium
Peel: Warm



Cotton
Polyester
Cotton/Poly Blends

CAD-CUT[®] METALLIC

Foil-like finish with a soft feel

Add a higher-perceived value to designs with Metallic heat transfer vinyl. This one-step application gives the look of foil with more durability and an incredibly soft feel.

			
Bronze 473 U	Brown 4635 U	Red 1805 C	Rose 691 C
			
Hot Pink 3582 C	Purple 2582 C	Light Blue 7544 C	Royal 2191 U
			
Silver 7541 C	Gold 1345 C		

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	8-10	0	30 cm/s
Roland [®] DG	45°	60-90g	.25	30 cm/s



Time: 8-10 seconds
Temperature: 285°F
Pressure: Medium
Peel: Cold



Cotton
Polyester
Cotton/Poly Blends

CAD-CUT® PATTERNS

Great for trendy, one-of-a-kind designs

Offer full color graphics without a print/cut machine. Select from popular colorways or pick your own color combo.

Express Print**

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	8-10	0	30 cm/s
Roland® DG	45°	70-90g	.25	30 cm/s



Time: 15-20 seconds
Temperature: 300°F
Pressure: Medium
Peel: Warm



Cotton
Polyester
Cotton/Poly Blends
Lycra®/Spandex

CAD-COLOR® Glitter*

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	13-15	0	30 cm/s
Roland® DG	45°	140-160g	.25	30 cm/s



Time: 12 seconds
Temperature: 302°F
Pressure: Medium
Peel: Hot



Cotton
Polyester
Cotton/Poly Blends

CAD-COLOR® Soft Foam*

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	25-26	0	30 cm/s
Roland® DG	60°	70-90g	.5	30 cm/s



Time: 15 seconds
Temperature: 300°F
Pressure: Light/Medium
Peel: Cold



Cotton
Polyester
Cotton/Poly Blends

ORAJET® Sign Vinyl**

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	7-9	0	30 cm/s
Roland® DG	45°	80-100g	.25	30 cm/s

*Magic Mask® required

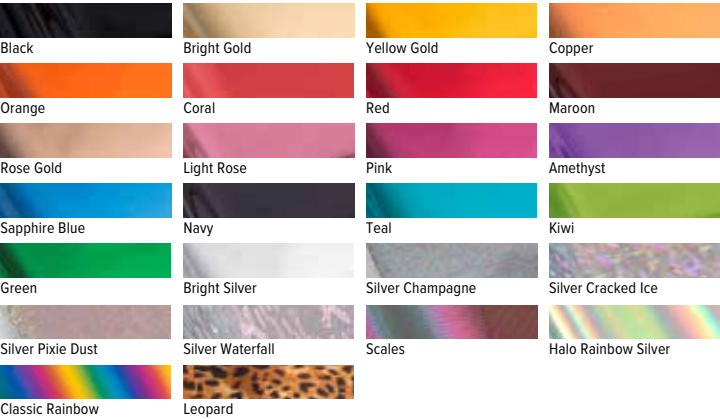
**ORATAPE® required



HEAT TRANSFER FOIL

Perfect for fashion-forward decoration

Create attention-getting designs including custom foil vinyl patterns and two-tone looks with Heat Transfer Foil. Add a metallic finish for a fashionable effect on any garment or promotional piece.



Time: 8-10 seconds
Temperature: 300°F
Pressure: Firm
Peel: Cold



Cotton
Polyester
Cotton/Poly Blends

CAD-CUT® HEAT PRESS ADHESIVE

For long-lasting foil embellishments

Heat transfer foils are known for being short-term embellishments when added to transfer papers and plastisol inks. This heat transfer foil adhesive solves that problem, permanently binding the foil, giving foil-embellished designs a long life. Laser cutter compatible.

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	7-9	0	20 cm/s
Roland® DG	45°	60-80g	.25	20 cm/s



Time: 3-5 seconds
Temperature: 300°F
Pressure: Light
Peel: Hot



Cotton
Polyester
Cotton/Poly Blends

CAD-CUT® PUFF New

For soft, cloud-like designs

Create standout looks with raised feels using Puff. Available in a variety of colors, create one-color designs that puff with heat application or pair with special effect HTV for unique finishes.

White	11-4601 TPG	Black	447 C	Gray	2334 U	Gold	137 U
Orange	7626 C	Beige	2313 C	Chocolate Brown	490 U	Red	194 C
Light Pink	2057 U	Medium Pink	7423 U	Purple	19-3716 TPG	Light Blue	7702 C
Navy	280 U	Apple Green	7737 C	Green	19-5217 TPG	Neon Yellow	930 C
Neon Orange	804 C	Neon Blue	2144 C				

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	8-9	0	30 cm/s
Roland® DG	45°	80-90g	.25	30 cm/s



Time: 8-10 seconds
Temperature: 280°F
Pressure: Medium
Peel: Hot



Cotton
Polyester
Cotton/Poly Blends

CAD-CUT® CHROMA-TWILL New

For dazzling twill options without sewing

Create colorful designs in trendy twill without embroidery equipment! This glossy heat transfer material features an iridescent finish with the look and feel of traditional twill and applies to cotton and polyester apparel.

White	9340 C	Silver	4177 C	Yellow	1225 C	Nugget Gold	5845 C
Poppy Red	2433 C	Pink	4065 C	Sky Blue	630 C	Lime Green	4234 C
Jade	2401 C	Arctic Green	7725 C				

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	12	0	20 cm/s
Roland® DG	45°	180-240g	.25	20 cm/s



Time: 20 seconds
Temperature: 302°F
Pressure: Medium
Peel: Cold



Cotton
Polyester
Cotton/Poly Blends

CAD-CUT[®] 3M[™] SCOTCHLITE[™] 5807

Meets ANSI/ISEA and EN 471 standards



Scotchlite[™]
Reflective Material

3M[™] Scotchlite[™] Reflective 5807 brightly reflects vehicle headlights, making it perfect for high-visibility apparel used by emergency workers, joggers, bikers, and anyone else who needs to be seen at night. It meets performance standards such as ANSI/ISEA 107, CSA Z96, and EN 471.

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	12-14	0	30 cm/s
Roland [®] DG	45°	130-150g	.25	30 cm/s



Time: 10-20 seconds
Temperature: 325-350°F
Pressure: Firm
Peel: Hot



Cotton
Polyester
Cotton/Poly Blends
Nylon
Cordura[®]
Lycra[®]/Spandex

CAD-CUT[®] REFLECTIVE II

Add reflective accents that get noticed



Excellent for use as an accent on sports uniforms and accessories, this reflective vinyl makes designs stand out. Use it for added visibility on backpacks, jackets, fashion apparel, and more.

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	11-13	0	25 cm/s
Roland [®] DG	45°	70-90g	.25	25 cm/s



Time: 10-12 seconds
Temperature: 290-302°F
Pressure: Medium
Peel: Hot

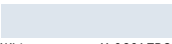
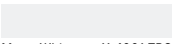


Cotton
Polyester
Cotton/Poly Blends
Nylon

CAD-CUT[®]
PERMANENT P.S. SIGN VINYL

Durable pressure sensitive adhesive vinyl

Use your vinyl cutter to create decals, point-of-purchase displays, banners, signs and designs for hard goods with this easy-to-use, calendered pressure-sensitive vinyl. This is a cost-effective way to create 1 and 2-color decals and signs.

			
White11-0601 TPG	Matte White11-4001 TPG	Antique White425 C	Gray18-5105 TPG
			
Black19-4006 TPG	Matte Black19-4004 TPG	Canary Yellow3945 C	Matte Yellow114 C
			
Yellow122 C	Athletic Gold137 C	Orange1665 C	Tomato Red2347 C
			
Red18-1763 TPG	Burgundy7421 C	Hot Pink18-1951 TPG	Coral2344 U
			
Pink2037 C	Lilac16-3416 TPG	Lavender7676 C	Plum18-3521 TPG
			
Purple2685 C	Mint337 U	Victorian Blue325 C	Sky Blue16-4530 TPG
			
Olympic Blue661 C	Blue2192 C	Cobalt280 C	Royal2945 C
			
Sapphire Blue288 C	Light Navy654 C	Aqua321 C	Lime Green2287 U
			
Kelly355 C	Green7726 C	Dark Green7729 C	Forest Green7484 C
			
Beige13-1006 TPG	Brown19-1218 TPG	SilverSilver 10077 C	Rose Gold2475 U
			
Gold8661 C			

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	12	1	25 cm/s
Roland [®] DG	45°	70g	.25	25 cm/s

CAD-CUT[®]
P.S. GLITTER ADHESIVE VINYL

Designs that sparkle & shine

Use your vinyl cutter to create sparkling decals with P.S. Glitter. This easy-to-use, calendered pressure-sensitive vinyl features a smooth glitter finish and brilliant shine. Available in a variety of vibrant colors, this material is soft, pliable, and safe for indoor or outdoor use. Apply to almost any hard surface, including tumblers, mugs, signs, and more.

			
White7541 U	Charcoal7546 U	Black425 C	Coral2339 C
			
Red3517 U	Harvest Red1815 U	Rose Gold2340 U	Pink2062 U
			
Amethyst2094 C	Eggplant4147 U	Periwinkle653 U	Royal307 U
			
Bright Royal541 U	Teal2233 C	Emerald2419 C	SilverCool Gray 3 U
			
Gold4046 C			

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	6-8	1	25 cm/s
Roland [®] DG	45°	90-110g	.25	30 cm/s

COUNT ON CAD-COLOR®

PRINTABLE HEAT TRANSFER AND SIGN VINYL

STAHL'S manufactures the most advanced line of printable digital materials in the industry so you can confidently decorate anything with full color and finely-detailed designs. With a state-of-the-art adhesive backing and soft, lightweight materials engineered to stretch, there is a printable material for use on anything—from tees and tanks, to leather jackets, umbrellas, and beyond.



DESIGN



PRINT/CUT



WEED



MASK



HEAT APPLY

CAD-COLOR® EXPRESS PRINT®

The most popular printable media

Create vibrant, full color transfers with this quick-drying printable material perfect for customizing T-shirts, hoodies, and more. It's a production favorite with easy weeding, quick masking, and a fast, one-step application. Use your solvent or eco-solvent based printer for a variety of applications on cotton and cotton/poly blends.

Cutter	Blade	Force	Offset	Speed
Roland® DG	45°	80-100g	.25	30 cm/s

Recommended mask: Medium Tack Magic Mask®



Time:
15-20 seconds
Temperature:
300°F
Pressure: Medium
Peel: Warm

Polypropylene only:
Time:
15 seconds
Temperature:
250°F
Pressure: Medium
Peel: Hot



Cotton
Polyester
Cotton/Poly Blends
Lycra®/Spandex
Polypropylene

CAD-COLOR® SOFT OPAQUE II

Light and soft to the touch

New and improved Soft Opaque II is easier to mask, applies at a very low temperature, and has a quick dry time! Use this opaque vinyl film with your printer/cutter to create vibrant transfers with a soft hand, even on the darkest garments. Print full color designs that will retain their vibrancy and stretch along with the garment.

Cutter	Blade	Force	Offset	Speed
Roland® DG	45°	50g	.25	20 cm/s

Recommended mask: Medium Tack Magic Mask®



Time: 5-7 seconds
Temperature: 250°F
Pressure: Medium
Peel: Hot



Cotton
Polyester
Cotton/Poly Blends
Lycra®/Spandex

SUPERTEK® SUBLISTOP™

Inhibits dye migration

Keep transfers vibrant and true to their original colors with SuperTEK® Sublistop™. Its charcoal-based adhesive inhibits dye migration on sublimated and brightly-colored polyester garments. Plus, its low application temperature helps you avoid scorching and burning heat-sensitive garments.

Cutter	Blade	Force	Offset	Speed
Roland® DG	45°	80-100g	.25	30 cm/s

Recommended mask: Solutions® Mask



Time:
Tack 5 seconds
Temperature:
280-300°F
Pressure: Medium
Peel: Warm, cover and seal 5 seconds



Cotton
Polyester
Cotton/Poly Blends
Lycra®/Spandex

Nylon
Cordura®
Leather
Neoprene

SUPERTEK® OPAQUE

Stunning full color designs

Create vibrant transfers for dark garments with this opaque vinyl film. With excellent stretch and rebound and a low application temperature, it's perfect for stretchy, heat-sensitive performance fabrics.

Cutter	Blade	Force	Offset	Speed
Roland® DG	45°	70-90g	.25	30 cm/s

Recommended mask: Solutions® Mask



Time:
Tack 5 seconds
Temperature:
280-300°F
Pressure: Medium
Peel: Warm, cover
and seal 5 seconds



Cotton
Polyester
Cotton/Poly
Blends
Lycra®/
Spandex
Nylon
Cordura®
Leather
Neoprene

SUPERTEK® MATTE CLEAR

Best choice for performance fabrics

Use this clear printable vinyl to create full color transfers with a matte finish. Thin, with excellent stretch and rebound, it's perfect for performance garments.

Cutter	Blade	Force	Offset	Speed
Roland® DG	45°	70-90g	.25	30 cm/s



Time: Tack 5 seconds
Temperature: 280-300°F
Pressure: Medium
Peel: Cold, cover
and seal 5 seconds



Cotton
Polyester
Cotton/Poly Blends
Lycra®/Spandex
Nylon

SUPERTEK® GLOSS CLEAR

Create a high-gloss finish

With exceptional stretch and rebound properties, this lightweight printable heat transfer vinyl applies at a low temperature so you can decorate difficult fabrics like Lycra®/spandex and nylon without scorching. Cut and apply without printing to achieve a "liquid glass" look.

Cutter	Blade	Force	Offset	Speed
Roland® DG	45°	70-90g	.25	30 cm/s



Time: Tack 5 seconds
Temperature: 280-300°F
Pressure: Medium
Peel: Cold, cover
and seal 5 seconds



Cotton
Polyester
Cotton/Poly Blends
Lycra®/Spandex
Nylon

CAD-COLOR® GLITTER

Print full color bling designs

This eco-solvent printable Glitter is ideal for decorating fashion, cheer, and fan wear. The glitter/shimmer finish provides a unique look that sells.

Cutter	Blade	Force	Offset	Speed
Roland® DG	45°	140-160g	.25	20 cm/s
Recommended mask: High Tack Magic Mask®				



Time: 12 seconds
Temperature: 302°F
Pressure: Medium
Peel: Hot



Cotton
Polyester
Cotton/Poly Blends

CAD-COLOR® SOFT FOAM

Create full color dimensional designs

Use your print/cut system to create unique designs that add a raised effect to any item you're decorating. With its smooth, velvet-like texture, Soft Foam is perfect for creating premium looks for everyday fashion, spirit wear, athletics, and more. Due to the porous texture of the material, printed designs will have a matte finish with soft, muted colors.

Cutter	Blade	Force	Offset	Speed
Graphtec	45°	14	0	25 cm/s
Roland® DG	60°	160g	0	25 cm/s
Recommended mask: Medium Tack Magic Mask®				



Time: 15 seconds
Temperature: 302°F
Pressure: Light/Medium
Peel: Hot



Cotton
Polyester
Cotton/Poly Blends

HEAT TRANSFER MASKS

Choose the right tack

SOLUTIONS® MASK

For use with TEK™ printable materials

Use a heat transfer mask to remove designs from the carrier and transfer them to the garment for application. Just peel the mask off of carrier, squeegee over weeded design, peel mask to remove printed design, and place on garment.

LOW TACK MAGIC MASK®

For use with thick, non-stretch, printable materials

Transfer designs cut on your vinyl cutter from the heat transfer material's carrier to the substrate. Use this low tack mask for designs with minimal detail.

MEDIUM TACK MAGIC MASK®

For use with Express Print®, Soft Opaque II, & Soft Foam

Transfer designs cut on your vinyl cutter from the heat transfer material's carrier to the substrate. Medium tack allows you to remove and transfer materials of medium thickness and weight.

HIGH TACK MAGIC MASK®

For use as a sturdy carrier for thick fabrics like Glitter & Poly-TWILL™

Transfer designs cut on your vinyl cutter from the heat transfer material's carrier to the substrate. High tack allows you to remove and transfer thicker materials.

DURASOL® PRINTABLE SIGN VINYL

Premium printable pressure sensitive vinyl

Excellent full color printability and ideal for flat surfaces and simple curves. Use for window/car decals, promotional signs, banners, and more.

After weeding, use a high quality application tape to remove cut vinyl from backing and apply to surfaces.



PRE-CUT LETTERS & NUMBERS

Personalization, on demand

STAHL'S Pre-Cut Letters & Numbers are the most popular choice for personalizing team uniforms. Pre-Cuts feature fast application and low cost, with high quality finishes and durability. Stocking Pre-Cut Letters & Numbers is perfect for walk-in business and allows you to create last-minute player additions. You can easily personalize as little as one uniform. Pre-Cuts are also great for on-demand events where you can personalize on-site.

Thermo-FILM® is our most popular heat transfer vinyl for Pre-Cuts.

PRO BLOCK LETTERS

**A B C D E F G H I J K L M N O
P Q R S T U V W X Y Z &**

Available in 1", 2", 3", 4", 5", 6"

PRO BLOCK NUMBERS

1 2 3 4 5 6 7 8 9 0

Available in 1", 2", 3", 4", 6", 8", 10", 12"





VARSITY LETTERS

**A B C D E F G H I J K L M N O
P Q R S T U V W X Y Z &**

Available in 2", 3", 4", 5", 6", 8"

VARSITY NUMBERS

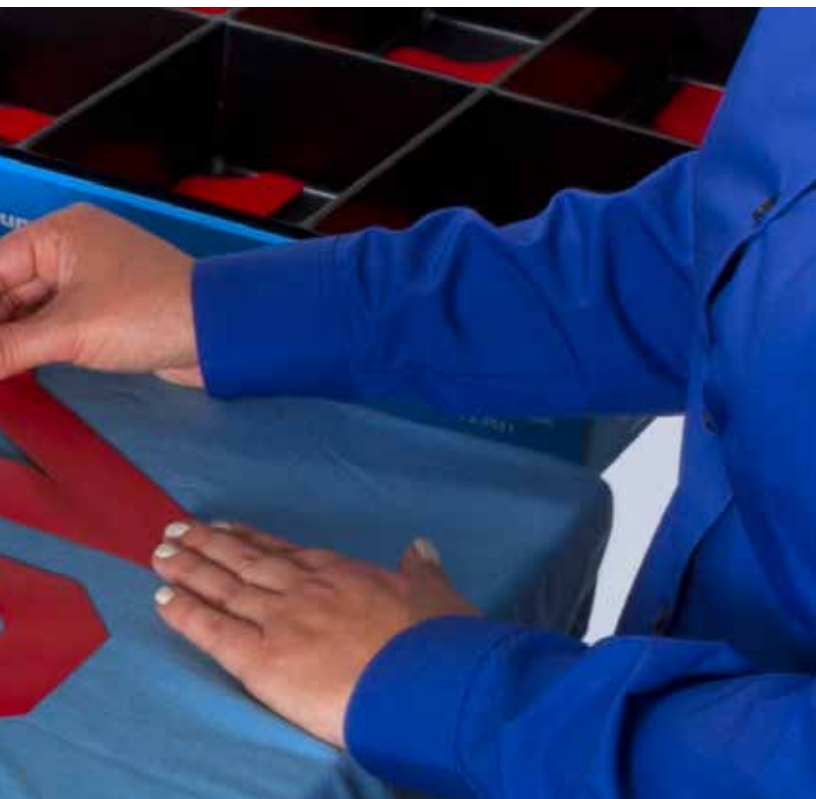
1 2 3 4 5 6 7 8 9 0

Available in 2", 3", 4", 6", 8", 10", 12"

TEAM US NUMBERS

1 2 3 4 5 6 7 8 9 0

Available in 4", 6", 8", 10"



LETTERING ACCESSORIES

Items for before, during, and after heat printing

CAD-CUT® WEEDING PANEL

This lightweight heated portable panel softens heat transfer vinyl adhesive to make weeding easier. Its low cost and sturdy construction make it a valuable tool for any shop.



EZ WEEDER®

This handy tool helps you easily weed CAD-CUT® and CAD-COLOR® graphics.



HEAT PRESS PILLOWS

Prevent marks on transfers and lettering with these covered ¾" foam core pillows. Use with V-necks, near heavy seams, zippers or buttons, and as inserts for mesh jerseys.



HEAT PRESS PADS

Designed to elevate your print area and still provide a solid surface for even pressure. Ideal for working around buttons, zippers, and seams.



FLEXIBLE APPLICATION PAD

Great for protecting buttons, zippers, and snaps on garments when heat printing. This thin silicone rubber pad can be used in place of a cover sheet when applying heat transfer materials to heat-sensitive items.



COVER SHEETS

6 mil Reusable Cover Sheet –

Our most popular cover sheet leaves a screen-print-like finish on Thermo-FILM®, Thermo-GRIP®, and Heat Applied Vinyl. Durable and reusable—store flat to prevent wrinkling.

Kraft Paper – Perfect for when you want a matte finish on your designs.



HEAT ERASER

Ideal for cooling letters before you remove the carrier or Thermo-Tape™.



THERMO-TAPE™

Heat-resistant tape holds lettering in place before and during pressing.



TAPE DISPENSER

Slip-resistant with rubber base to provide sturdiness while using Thermo-Tape™. Double core for 1" or 3" tape.



ALBACHEM LETTER REMOVING SOLVENT

Erase mistakes the easy way with AlbaChem VLR Vinyl Letter Removing Solvent. It removes heat transfer lettering from most fabrics when used within 48 hours of application.



HOTRONIX® HEAT PRESSES

It all starts with a heat press

360 IQ® HAT PRESS

Now you can print high-end, retail looks quickly and easily. The 360 IQ® Hat Press with Dual Silicone Platen™ technology heats hats from underneath, making it the perfect solution for applying emblems, appliqué, and patches. Best of all, it comes equipped with advanced IQ® technology allowing you to track your business in real time.



DUAL AIR FUSION IQ®

Built for ultimate heat printing efficiency, the Dual Air Fusion IQ® provides the functionality of two presses with dual 16" x 20" workstations. Program the press to preheat on station A and complete final application on station B. The press automatically adjusts time and pressure as it shuttles between workstations. It's a smooth, quiet, effortless operation controlled by the push of a button and tap of the foot pedal. Simply power on and choose between dual or independent operation.



AIR FUSION IQ®

The Air Fusion IQ® offers a two-button operation which locks the upper platen down, applying accurate, even pressure, then automatically swings open to create a heat-free workspace. Patented Auto Adjust Pressure™ automatically adjusts to the thickness of the item you're printing. Program your time to change from pre-heating to final application. With up to four time and pressure settings, it's not just possible—it's automatic.



TABLE TOP AIR FUSION IQ®

Take everything you love about our Fusion IQ®, add the power of an air compressor, the compact size of a table top, and you have the Table Top Air Fusion IQ®. With an upper platen that operates with the touch of a button, operator fatigue is a thing of the past.



FUSION IQ®

In the decorating business, it's all about customization. And that's what we had in mind when we made the Fusion IQ®. Switch between the draw and swing motion depending on workspace, user preference, or garment. The Touch Screen Technology allows you to program an unlimited number of presets. Add the compatibility of seven optional Quick Change Platens, and you'll be decorating more than ever.



AUTO CAP

Decorate with the reliability of our Auto Open Cap press. A cap hold-down device pulls the front of the cap taut, securing it while providing a smooth surface for heat application. Decorate a variety of cap styles with four optional Quick Change Platens.



HOTRONIX® AUTO OPEN CLAM

The most versatile and user-friendly heat press

This press opens automatically to prevent over-application and scorching in even the busiest shops. The clamshell design saves shop space and a wide opening between the upper and lower platen allows for easy layout. Digital time, temperature, and pressure readouts ensure a quality press every time.

11" x 15"

The 11" x 15" Auto Open Clam is perfect for shops with limited space. This lightweight, compact design is also a great choice for heat printing at offsite events.



16" x 16"

The 16" x 16" Auto Open Clam is a popular choice and favored by many shops that print full-size transfers.



16" x 20"

This full-size clam's large surface accommodates the application of names and numbers on jerseys, all-over sublimation prints, and oversized transfers.



STAHL'S' HOTRONIX® PREMIER WARRANTY

- Lifetime on heating element
- 5-year on framework
- 2-year on circuit board
- 1-year parts and labor
- Free lifetime technical support (15 years)

MAXX[®] HEAT PRESSES

The perfect partner for the start-up business

The MAXX[®] is the best-selling low-cost heat press. Trust these budget-friendly machines to outperform every press in their class. Whether you're just getting into heat printing, heat printing part-time, or need a back-up press, these durable machines are the perfect partner.

16" x 20"



15" x 15"



11" x 15"



CAP



STAHL'S MAXX[®] WARRANTY

- Lifetime on heating element
- 1-year parts and labor
- Free lifetime technical support (15 years)

HEAT PRESS PLATENS & ACCESSORIES

Accessories for Hotronix® Heat Presses

HOTRONIX® POWER PLATEN™

The Power Platen™ applies heat from the lower platen for a quicker bond between adhesive and fabric while applying less heat to the face of heat-sensitive garments. The Power Platen™ is available in four sizes with built-in pillows for the right fit, no matter what you're decorating.

Compatible with 16" x 20" Hotronix® Auto Clam, MAXX® Clam, and Air Fusion IQ® heat presses. (Not compatible with Hotronix® Fusion IQ® or draw presses).



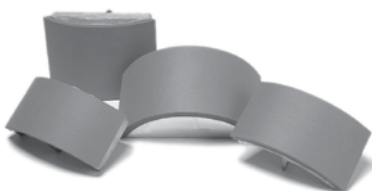
TAG ALONG™ HP PLATEN

Quickly heat apply shirt fronts and tagless labels with this all-in-one platen. Compatible with select 16" x 20" heat presses and designed to help you load garments straight for accurate positioning every time.



INTERCHANGEABLE CAP PLATENS

Interchangeable cap platens make decorating hats easy. Whether you have a low-profile or oversized hat, we have a platen that fits.





QUICK CHANGE PLATENS

Use interchangeable platens to decorate a wide variety of apparel and accessories. Platens are compatible with Hotronix® and MAXX® brand presses.



PLATEN COVERS

QUICK SLIP LOWER PLATEN PROTECTOR

This fitted cover slips snugly over the bottom platen, making it easy to slide the garments on the platen, reducing wear and tear.



UPPER PLATEN COVER

This fitted cover slips snugly over the upper platen, protecting it from inks, adhesives, and other residue during the heat printing process.



SILICONE UPPER PLATEN COVER

Greatly reduces heat press imprint on performance wear and other heat-sensitive fabrics, such as neoprene and Lycra®/spandex.

HOTRONIX® LASER ALIGNMENT SYSTEM

Accurate positioning and consistent placement every time. The Heat Press Laser Alignment System by Hotronix® includes a table top unit with four adjustable lasers used to ensure consistent placement of designs. Compatible with any brand of heat press, this laser unit comes with the Laser Alignment Wizard™. For accurate positioning, align each laser bulb to this heavy-duty, spiral-bound template that is printed with five popular layouts.



HOTRONIX® HEAT PRESS CADDIE™

Heat Press Caddie™ – This stand is an adjustable pedestal stand that converts any Hotronix® Auto Open or MAXX® Clam into a threadable heat press. Self-leveling casters provide portability and stability, allowing you to take advantage of mobile heat printing opportunities.

Heat Press CounterCaddie® – Opt for this stand for fixed counter spaces.



HEAT PRINTING EQUIPMENT CART

Add more counter space to your shop with this heavy-duty steel cart. Designed to hold the Dual Air Fusion IQ®, it can also be used with other heat presses, small vinyl cutters, printers, and more. Pivoting wheels allow for easy movement around shops or at events, and lock to ensure stability.



STAHL'S EZ WEEDING™ TABLE

The bond between a heat transfer material and its carrier lessens when heated. This patented table heats materials slightly to promote removal from the carrier, resulting in easier weeding with less material breakage.





CadworxLIVE® is a powerful online design tool to help you create artwork for your garment decorating business.

It's free for STAHL'S® customers and easy to learn. With royalty free clip art, an extensive text effects library and built-in Vectorizer, this powerful tool is what you need to start designing today.

► cadworxlive.com



**GREAT DANE
GRAPHICS**

Great Dane Graphics provides unmatched education and training tools for artists of every level.

Reach your true artist potential and start cranking out killer graphics. Our training library is stocked with the best approaches for editing and creating designs, go-to techniques for printing optimal artwork, and a lineup of training books to help fill your toolkit with essentials for any job.

► greatdanegraphics.com



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