

STAHL'S[®]

EUROPE • AFRICA • MID EAST

CAD-CUT[®] Materials



**CAD
CUT**



2016



CAD-CUT® Facts 2

PRODUCTS

CAD-CUT® Premium Plus
CAD-CUT® Premium Plus Nylon 3

CAD-CUT® Premium Plus Sublistop
CAD-CUT® SportsFilm 4

CAD-CUT® Basic Film
CAD-CUT® Flock 5

CAD-CUT® Effect
CAD-CUT® Glitter 6

CAD-CUT® Silicone 200
CAD-CUT® Silicone 500
CAD-CUT® Reflective 7

CAD-CUT® PS Poly-Twill™
CAD-CUT® Felt 8

How to choose the right material? 9

Further STAHL'S' Products 10

Discover our complete range on www.stahls.de:

A wide range of digital printable CAD-COLOR® materials:
Solutions™ Opaque, SportsFilm, Premium Print, Nylon, Sublistop,
Silver, Glow in the Dark, Solvent Flock, Subliflock

We have the right solution for your application:
If Cotton, Poly/Cotton blend, Polyester, Nylon or Lycra - we have the most
suitable CAD-COLOR® and CAD-CUT® materials!

Purchase directly from the manufacturer!

Under the term „Cad-Cut®“ we refer to all our plottable transfers. STAHL'S' operate worldwide, with own research centres and production locations. We continuously improve our products through our research and development work as well as consistent use of latest production processes and technologies.



Research - Testing - Manufacture

STAHL'S' operate worldwide, with our own manufacturing plants, maintaining the highest standards of quality at all times.

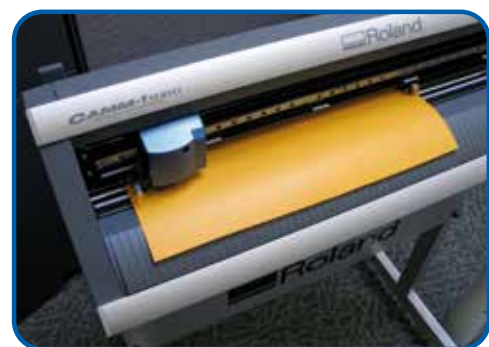
Testing is of paramount importance to ensure quality and consistency of product. STAHL'S' testing procedures ensure customers have tried and tested products every time.

STAHL'S' continually invests in the latest technology and production processes in all divisions to offer our customers the best products in the market today and in the future.

All our products are made from the highest quality materials and are easy to use.



Design & Cut



Weed & Apply



CAD-CUT® Premium Plus



Polyurethane, thin, stretchable and elastic flex material with slightly adhesive carrier. This film has a satin finish and stands out for easy cutting and weeding. Suitable for several print proofs.

Available in: 50 cm x 25 m rolls

Recommended fabrics:
100% Cotton, Poly/Cotton blend

Accessories needed:
• STAHL'S Weeder® to weed
• Reusable- or Grip Cover Sheet



CAD-CUT® Premium Plus Nylon



Polyurethane, very thin transfers with slightly adhesive carrier. Easy application, also suitable for several print proofs. Provided with special textile glue to adhere to Nylon fabrics.

Available in: 50 cm x 25 m rolls

Recommended fabrics:
100% Nylon, Nylon blend

Accessories needed:
• STAHL'S Weeder® to weed
• Reusable- or Grip Cover Sheet



KEY



CAD-CUT® Premium **Plus** Sublistop

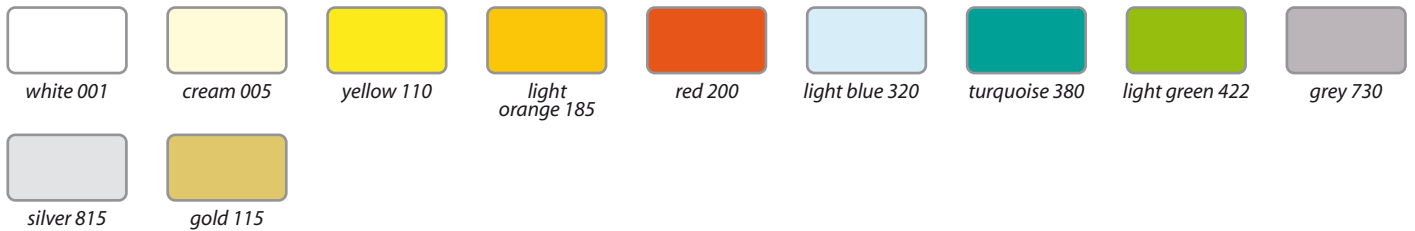


Polyurethane flex material with a slightly adhesive carrier. The film has a layer of sublistop to avoid any sublimation of the polyester colour. The film is easy to weed and suitable for several print proofs.

Available in: 50 cm x 25 m rolls

Recommended fabrics:
100% Polyester, Polyester blend

Accessories needed:
• STAHL'S® Weeder® to weed
• Reusable- or Grip Cover Sheet



CAD-CUT® SportsFilm



The fastest CAD-CUT® material on the market: apply in only 5 seconds and peel hot! Delivered on a self-adhesive polyester carrier, CAD-CUT® SportsFilm has a matte surface and provides optimal opacity. This light-weight film foil has a wide range of colours that allows you to create your individual sports look. It is perfectly suited for small details. Polyurethane!

Available in: 50 cm x 25 m rolls

Recommended fabrics:
100% Cotton, Poly/Cotton blend, Polyester blend,
100% Polyester

Accessories needed:
• STAHL'S® Weeder® to weed
• Reusable- or Grip Cover Sheet



KEY



CAD-CUT® Basic Film



Smooth and matte PU material that provides optimal opacity. No back-adhesive carrier, therefore ideal for large designs, numbers and letters since the film is easy to weed. Low cost - easy to process.

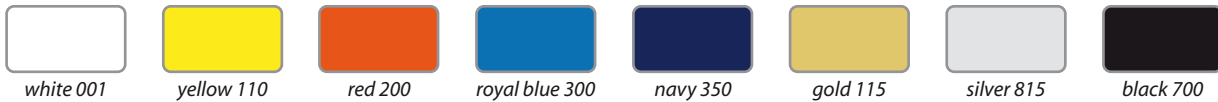
Available in: 50 cm x 25 m rolls

Recommended fabrics:

100% Cotton, Poly/Cotton blend, Polyester blend,
100% Polyester

Accessories needed:

- STAHL'S® Weeder® to weed
- Reusable- or Grip Cover Sheet



CAD-CUT® Flock



Soft, raised and velvety texture. High density of flock pile provides optimal opacity. Choose from many amazing, vibrant colours that will leave a lasting impression.

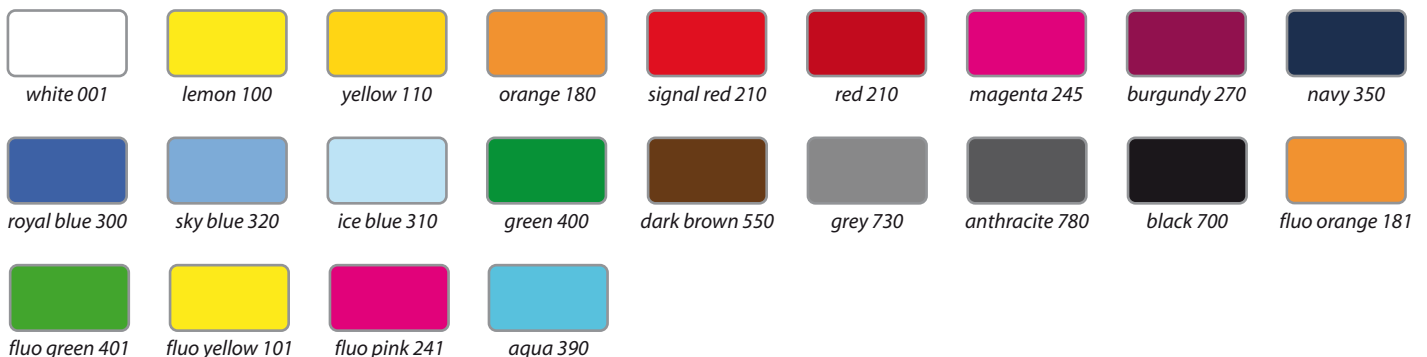
Available in: 50 cm x 25 m rolls

Recommended fabrics:

100% Cotton, Poly/Cotton blend, Polyester blend,
100% Polyester

Accessories needed:

- STAHL'S® Weeder® to weed
- Reusable- or Grip Cover Sheet



CAD-CUT® Effect



Especially developed with the fashion industry in mind – sure to make an impact on anyone. Sparkling, “holographic” effects and available in a vast range of colours.

Available in: 50 cm x 25 m rolls

Recommended fabrics:

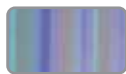
100% cotton, poly/cotton blends, 100% polyester, polyester blend

Accessories needed:

- STAHL'S Weeder® to weed
- Reusable- or Grip Cover Sheet



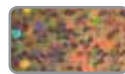
rainbow 900



spectrum 901



sparkle silver 902



sparkle gold 903



sparkle red 904



sparkle light blue 905



sparkle blue 906



sparkle purple 907



sparkle green 908



sparkle pink 909



clear 912



crystal 913



multi 914

CAD-CUT® Glitter



Glitter is a popular choice for designing exciting and fashionable garments. With nine different colours the design possibilities are endless!

Available in: 50 cm x 25 m rolls

Recommended fabrics:

100% cotton, poly/cotton blends, 100% polyester, polyester blend

Accessories needed:

- STAHL'S Weeder® to weed
- Reusable- or Grip Cover Sheet



gold 920



silver 921



blue 922



red 923



purple 924



turquoise green 925



brown 926



pink 927



black 928



multi 929



white 934



orange 931



columbia blue 930



royal blue 942



kelly green 932



holo gold 935



fluo pink 941



fluo yellow 936



fluo orange 939



fluo blue 938



fluo green 937



fluo purple 940

CAD-CUT® Silicone 200



A 200 microns thick, durable silicone material with a matte finish and a soft touch. „Silicone 3D -200-“ is ideal for medium to small cutting details. Due to its blocking features, ideal for prints on sublimated polyester.

Available in: 50cm x 25m rolls.

Recommended fabrics:

100% Cotton, Poly/Cotton blend, Polyester blend
100% Polyester

Accessories needed:

- STAHL'S Weeder® to weed
- Reusable- or Grip Cover Sheet



white 001



red 200



light blue 320



royal blue 300



green 400



grey 730



black 700

CAD-CUT® Silicone 500



A 500 microns thick, durable silicone material with a matte finish and a soft touch. This unique 3D look enhances any fashion wear.

Available in: 50cm x 25m rolls.

Recommended fabrics:

100% Cotton, Poly/Cotton blend, Polyester blend
100% Polyester

Accessories needed:

- STAHL'S Weeder® to weed
- Reusable- or Grip Cover Sheet



white 001



red 200



light blue 320



royal blue 300



green 400



grey 730



black 700

CAD-CUT® Reflective



Reflective polyurethane CAD-CUT® material for use on most textiles. No tack backing. Easy to cut and weed. DIN EN 20471 certified! Available in silver.

Available in: 50cm x 25m rolls.

Recommended fabrics:

100% Cotton, Poly/Cotton blend, Polyester blend
100% Polyester

Accessories needed:

- STAHL'S Weeder® to weed
- Reusable- or Grip Cover Sheet

CAD-CUT® PS Poly-TWILL™



PS Poly-TWILL™ backed with a "peel and stick" adhesive allows easy positioning of appliqués for sewing without tacking (heat application). Our exclusive PSA2 Needle Glide™ Adhesive helps to prevent gummed up needles and broken threads.

NOTE: Preheat garment. Must be sewn, permanent adhesion is not guaranteed without sewing.

Available in: approx. 42 cm x approx. 22,8 m rolls

Recommended fabrics:

100% Cotton, Poly/Cotton blend, Polyester blend
100% Polyester, woven Nylon

Accessories needed:

- STAHL'S Weeder® to weed
- Reusable- or Grip Cover Sheet



CAD-CUT® Felt



A classic look that is durable and washable. Ideal for creating vintage designs. High quality Felt consisting of 80% wool and 20% Rayon with a self-adhesive back side. Without carrier.

NOTE:

Because acrylic felt is a non-woven material, it will distress and wear in its own unique way in time and by washing.

Available in: approx. 86 cm x approx. 22,8 m rolls

Recommended fabrics:

100% Cotton, Poly/Cotton blend, Polyester blend,
100% Polyester

Accessories needed:

- STAHL'S Weeder® to weed
- Reusable- or Grip Cover Sheet



KEY



Easy weed



Ironable



Ironable only
inside out



Washable
up to 60°C



Sublimation
stop



Stretchable



Thin



Sticky carrier



Multi-colour
application



Peel hot



Application
instruction

The Right CAD-CUT® Material

How Do You Choose The Right Material For EVERY Job? Check Here!

With so many types of fabrics and garments available, we want to ensure you select the right Stahls' material or media for every job. This reference chart will help to guide you through the selection process by cross referencing some of the most frequently used fabrics with our products. Keep it within reach, we believe this will become a great resource and a valuable checklist for you.

	100% Cotton	100% Polyester	Sublimated Polyester	Poly/Cotton blend	100% Nylon	Nylon blend	Nylon Mesh micro, trikot, mini, reversible
CAD-CUT® Premium Plus	X	X		X			
CAD-CUT® Premium Plus Nylon					X **	X **	X **
CAD-CUT® Premium Plus Sublistop		X	X				
CAD-CUT® SportsFilm	X	X		X			
CAD-CUT® Basic Film	X	X		X			
CAD-CUT® Flock	X	X		X	X **	X **	
CAD-CUT® Effect	X	X	X	X			
CAD-CUT® Glitter	X	X	X	X			
CAD-CUT® Silicon 200 & 500	X	X	X	X			
CAD-CUT® Reflective	X	X	X	X			
CAD-CUT® PS Poly Twill™*	X	X	X	X	X	X	X
CAD-CUT® Felt*	X	X	X	X	X	X	X

*In order to guarantee permanent adhesion and prevent fraying, this material must be sewn.

** Must be tested before!

All technical information and recommendations are based on tests we believe to be reliable. However, we cannot guarantee performance for conditions not under manufacturer's control. Before using, please determine the suitability of the product for its intended use. The user assumes all risks and the liability of anything relating to the use of this product. The Seller's and manufacturer's only obligation shall be to replace such those particular quantities of the product proven to be defective by manufacturer.

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CAD-COLOR® Materials

Under the term CAD-COLOR® we refer to our wide range of digitally printable and plottable materials. If Cotton, Poly/Cotton blend, Polyester, Nylon or Lycra, we have the most suitable CAD-COLOR® material.



- | | |
|----------------------------------|-------------------------------|
| ✓ CAD-COLOR® SuperTEK™ Opaque | ✓ CAD-COLOR® SuperTEK™ Clear |
| ✓ CAD-COLOR® SportsFilm | ✓ CAD-COLOR® FoilTEK™ |
| ✓ CAD-COLOR® Solutions™ Opaque | ✓ CAD-COLOR® Glow in the Dark |
| ✓ CAD-COLOR® Nylon | ✓ CAD-COLOR® Solvent Flock |
| ✓ CAD-COLOR® SuperTEK™ Sublistop | ✓ CAD-COLOR® Subli Flock |
| ✓ CAD-COLOR® Sublistop | |

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www.stahls.eu



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