

◆ Embroidery Nonwovens

STIFFY / TEXTI

A Professional Variety of Nonwovens



The Optimum Stabilizer for All Fabric Types !

Perfect embroideries want the right base fabric, high-quality threads – and always a stabilising backing to bring out the best in both, fabric and embroidery design! Our range of embroidery nonwovens includes ideal stabilising solutions for all embroidery applications. You may need a cut-away or tear-away stabilizer, one with coating or a self adhesive non-woven – with a stabilizer that is well-suited for your base fabric, you will achieve best results in every respect – quality and productivity. Optimise your production with the vast variety!

GUNOLD[®]



STIFFY/TEXTI

Tear-Away Nonwovens:



Main Applications:



When to use?

Tear-away nonwovens are our standard embroidery nonwovens. A special fibre-structure technology facilitates horizontal, vertical and diagonal tearing of nonwovens and guarantees complete removal after embroidery, without leaving residues. The fast tear-away feature saves time and results in higher productivity during embroidery processes. And the smooth, neatly torn edges along finished embroideries increase their wear-ability!

Processing Recommendations:

time-saving
high productivity



- ◆ Hoop the base fabric with the nonwoven in an embroidery hoop.
- ◆ Embroider the design.
- ◆ Remove the hoop and carefully tear away the nonwoven.

◆ STIFFY/TEXTI – Tear-Away Nonwovens:

STIFFY 1620	black/white	light-weight fabric types
STIFFY 1640	black/white	medium-weight fabric types
STIFFY 1650	black/white	firm to heavy-weight fabric types
STIFFY 1860	white	heavy-weight fabric types
STIFFY 1980	white	heavy-weight fabric types
STIFFY 1995	white	heavy-weight fabric types
TEXTI 582	white	heavy-weight fabric types
TEXTI 1485	white	heavy-weight fabric types
TEXTI 1751	white	light to medium-weight fabric types

- ◆ STIFFY embroidery nonwovens are Oeko-Tex certified, chlorine-free bleached and free from formaldehyde!



TEXTI embroidery nonwoven has the same properties as STIFFY, however, without Oeko-Tex certification.

Tear-away nonwovens are characterised by their outstanding tearing behaviour in horizontal, vertical and diagonal directions.



Cut-Away Nonwovens:



Great stitch stability for designs with a high stitch density.

Main Applications:

When to use?

If the embroidery needs great stability, cut-away nonwovens are ideal, as these are known for having an extremely high resistance to perforation. The excess nonwoven is simply cut away with scissors along the finished embroidery border. The nonwoven backing of the embroidery serves as longterm stabilizer. It's optimal for knit wear and broken stitch designs!

Processing Recommendations:

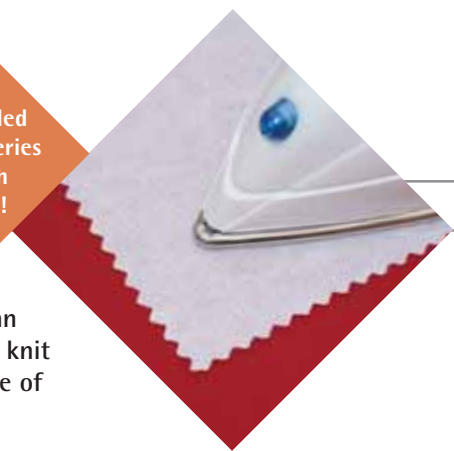
- ◆ Hoop the base fabric with the nonwoven in an embroidery hoop.
- ◆ Embroider the design.
- ◆ Remove the hoop and carefully cut away the nonwoven along the finished embroidery edges using small scissors.

◆ STIFFY/TEXTI – Cut-Away Nonwovens:

STIFFY 1950	black/white	heavy to medium-weight fabric types
STIFFY 2040	white	light to heavy-weight fabric types
TEXTI 1970	white	heavy-weight fabric types

Iron-On Nonwovens:

Strongly recommended for embroideries on stretch materials!



Main Applications:

When to use?

Stretch fabrics tend to get distorted during embroidering – that's why an iron-on embroidery nonwoven is a must. The ironed-on nonwoven gives knit materials and fabrics with a high percentage of elastane a higher degree of firmness and stability and prevents fabric distortion during stitching.

Processing Recommendations:

- ◆ Iron the nonwoven on the wrong fabric side before embroidering (for time and temperature settings see individual product instructions).
- ◆ After finishing the embroidery, remove the nonwoven through tearing or cutting away.
- ◆ STIFFY 1950B is a permanently adhesive nonwoven, i.e. it cannot be removed after its application.

◆ STIFFY – Iron-On Nonwovens:

STIFFY 1620B	tear-away	white	light-weight knits (T-shirts)
STIFFY 1640B	tear-away	white	medium-weight knits (polo shirts)
STIFFY 1860B	tear-away	black/white	heavy-weight knits (knitwear)
STIFFY 1950B	cut-away	black/white	medium to heavy-weight fabrics (logos)

Iron-on nonwovens, too can be torn away or cut away after embroidering.

STIFFY/TEXTI

Technical Information:



- ◆ **Material:**
See chart below.
- ◆ **Samples:**
Ask for the complete range with a clear sample overview and samples of all nonwovens.
- ◆ **Make-up:**
 - See chart below.
 - Also available as cut narrow rolls.
Please note: the full roll width has to be purchased!
- ◆ **Dispatch and packing size:**
Single rolls



◆ Embroidery Nonwovens – Complete Range

Item	Colours	How to remove	Oeko-Tex 100	Application	Weight g/m ² <small>*nonwoven + adhesive</small>	Width cm	Length m	Material
STIFFY 1620	white, black	tear-away	yes	backing	25	105	200	75 Cellulose, 25 synth. fibers
STIFFY 1640	white, black	tear-away	yes	backing	37	105	200	75 Cellulose, 25 synth. fibers
STIFFY 1650	white, black	tear-away	yes	backing	50	52	25	75 Cellulose, 25 synth. fibers
STIFFY 1650	white, black	tear-away	yes	backing	50	105	200	75 Cellulose, 25 synth. fibers
STIFFY 1860	white	tear-away	yes	backing	60	105	200	75 Cellulose, 25 synth. fibers
STIFFY 1950	white, black	cut-away	yes	backing	80	45	25	100 polyester
STIFFY 1950	white, black	cut-away	yes	backing	80	90	100	100 polyester
STIFFY 1980	white	tear-away	yes	backing	75	52	25	75 Cellulose, 25 synth. fibers
STIFFY 1980	white	tear-away	yes	backing	75	105	200	75 Cellulose, 25 synth. fibers
STIFFY 1995	white	tear-away	yes	backing	95	105	200	75 Cellulose, 25 synth. fibers
STIFFY 2040	white	cut-away	yes	backing	50	100	180	100 polyester
STIFFY 1620B	white	tear-away	yes	iron-on	40*	105	200	75 Cellulose, 25 synth. fibers
STIFFY 1640B	white	tear-away	yes	iron-on	48*	52	25	75 Cellulose, 25 synth. fibers
STIFFY 1640B	white, black	tear-away	yes	iron-on	48*	105	200	75 Cellulose, 25 synth. fibers
STIFFY 1860B	white, black	tear-away	yes	iron-on	65*	105	200	75 Cellulose, 25 synth. fibers
STIFFY 1950B	white, black	cut-away	yes	iron-on	115*	30	100	100 polyester
STIFFY 1950B	white, black	cut-away	yes	iron-on	115*	63	100	100 polyester
STIFFY 1950B	white, black	cut-away	yes	iron-on	115*	90	100	100 polyester
TEXTI 582	white	tear-away	no	backing	75	67	200	21 viscose, 79 polyester
TEXTI 1485	white	tear-away	no	backing	85	100	100	100 viscose
TEXTI 1751	white	tear-away	no	backing	35	50	25	100 viscose
TEXTI 1751	white	tear-away	no	backing	35	33	200	100 viscose
TEXTI 1751	white	tear-away	no	backing	35	100	200	100 viscose
TEXTI 1970	white	cut-away	no	backing	70	105	100	100 polyester
FILMOPLAST®	white, black	tear-away	no	self-adhesive	50*	50	25	75 Cell., 25 synth. fibers, acrylate
FILMOPLAST®	white, black	tear-away	no	self-adhesive	50*	65	25	75 Cell., 25 synth. fibers, acrylate
FILMOPLAST®	white, black	tear-away	no	self-adhesive	50*	85	25	75 Cell., 25 synth. fibers, acrylate
FILMOPLAST®	white, black	tear-away	no	self-adhesive	50*	100	25	75 Cell., 25 synth. fibers, acrylate
SOLVY FABRIC	white	water-soluble	no	backing	40	50	25	100 PVA
SOLVY FABRIC	white	water-soluble	no	backing	40	155	200	100 PVA

Professional materials for high-quality embroidery results – tried and tested in the clothing, promotion and home textile industries. For more information visit our website www.gunold.de!

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