

QUICK REFERENCE

for OESD Stabilizer Usage

Use this chart to identify what OESD stabilizer will produce the best results for your project given the density of your design and the material you are stitching on.

	CUT-AWAY						TEAR-AWAY								TOPPING	WASH-AWAY			
	Heavy Weight	StabilStick	Medium Weight	PolyMesh	Fusible PolyMesh	Fusible Woven	Heavy Weight	Medium Weight Black	Ultra Clean and Tear	StabilStick	HydroStick	Light Weight	Ultra Clean & Tear Plus	Ultra Clean & Tear Fusible	Heat2Go	StitcH2O	BadgeMaster	AquaMesh	AquaMesh Plus
DESIGN DENSITY GUIDE																			
<i>Best for:</i>																			
● = heavy density designs																			
▸ = medium density designs																			
○ = light design density																			
* = all design densities																			
Baby Garments				○ - ▸	○ - ▸								*	*		*		○ - ▸	
Canvas/Duck Cloth							●	▸	*	▸	▸	○	*	*					
Challis/Rayon				○ - ▸	○ - ▸	○ - ▸			*			○	*	*	○ - ▸			○ - ▸	○ - ▸
Cotton Fabrics	●		▸ - ●			○ - ▸	●	▸	*	▸		○	*	*		*		○ - ▸	
Denim/Jean	●	▸ - ●	▸	○ - ▸	○ - ▸	*										*			
Flannel				▸	▸	○ - ▸	●	▸	*				*	*		*			
Hard to Hoop Items (e.g. Collars)		▸ - ●								▸	▸		*	*					○
Home Dec Fabrics, Tapestries, etc.	●	▸ - ●	▸	▸		*	●	▸	*	▸		○	*		*				
Freestanding Lace																	*	*	
Leather/Suede	●						●	▸	*	▸			*	*	*	*			
Linen			▸			○ - ▸			*			○	*	*		*			
Organza Chiffon																	▸	○ - ▸	○ - ▸
Paper		○							○			○		○					
Polar Fleece			▸	▸	▸										▸ - ●	*			
Sheer Fabrics																		○	○
Silk/Satin							●	▸	*	▸		○	*	*					
Sweaters				○ - ▸	○ - ▸										▸ - ●	*			
Sweatshirts	▸ - ●	▸ - ●	▸	○ - ▸	○ - ▸										▸ - ●	*			
Towels-Terry Cloth			▸				●	▸	*		▸	○			▸ - ●	*		○	▸
Towels-Woven Cloth						○ - ▸	●	▸	*	▸		○	*	*		*		○	
T-Shirt/Polo Shirt	●	▸ - ●	▸ - ●	○ - ▸	○ - ▸										▸ - ●	*			
Velvet/Velveteen/Velour	●	▸	▸ - ●	○ - ▸	○ - ▸								*			*			

TEAR-AWAY

Tear-Away is suitable for stable fabrics without stretch. Use OESD Tear-Away stabilizers on tightly woven fabrics such as quilt fabrics, poly/cotton fabrics, canvas and duck cloth. Tear-Away can also be used on vinyl and leather.



Light Weight

10" White 10yd *HBT15-10*
15" White 10yd *HBT15-15*

- Use on lightweight fabrics to stabilize low stitch count embroidery designs
- Very easy to remove
- Great choice for paper piecing of quilt blocks

StabilStick

10" White 10yd *HBSS15-10*
15" White 10yd *HBSS15-15*
20" White 5yd *HBSS15-20*
8.5" x 11" 25 Sheets *HBSS15-15*

- A high quality medium weight tear-away stabilizer with a light adhesive coating
- Use on hard-to-hoop items such as collars and napkin corners
- Use on tightly woven and slippery fabrics that do not stretch
- Ideal for projects that require multiple hoopings

HydroStick

10" White 5yd *HBHT15-10*
15" White 5yd *HBHT15-15*

- A lightweight tear-away stabilizer with a starch based, water activated adhesive coating

Ultra Clean and Tear

10" White 10yd *HBT17-10*
15" White 10yd *HBT17-15*
20" White 10yd *HBT17-20*

- A high quality medium weight tear-away stabilizer
- Provides excellent stabilization for medium to high stitch count embroidery designs
- Use on woven fabrics, including towels, when no permanent backing is desired

Ultra Clean and Tear Fusible

10" White 10yd *HBTF17-10*
15" White 10yd *HBTF17-15*
20" White 10yd *HBTF17-20*

- Iron-on stabilizer for use on woven fabrics
- A high quality medium weight tear-away stabilizer
- Provides excellent stabilization for medium to high stitch count embroidery designs

Ultra Clean and Tear Plus

10" White 10yd *HBTP17-10*
15" White 10yd *HBTP17-15*
20" White 10yd *HBTP17-20*

- A high-quality medium weight tear-away, wash-away stabilizer with a water-soluble adhesive coating
- Use on hard-to-hoop items such as collars, napkin corners and towels
- Use on tightly woven and slippery fabrics that do not stretch
- Ideal for projects that require multiple hoopings

Medium Weight Black

10" Black 10yd *HBT35-10*
15" Black 10yd *HBT35-15*

- Use on dark woven fabrics to stabilize medium to high stitch count embroidery designs
- Removes easily
- Ideal for dark towels and other dark items

Heavy Weight

10" White 10yd *HBT25-10*
15" White 10yd *HBT25-15*

- Easily supports stitch intensive designs on woven fabrics
- Has a stiff, crisp texture that gives extra support when embroidering softer fabrics
- Ideal for stitching designs that have large open areas in the center of the design

WASH-AWAY

Use OESD Wash-Away any time there is a need for the stabilizer to be completely removed from the embroidered item. Wash-Away can be used for cutwork, freestanding lace and reverse appliqué. Wash-Away topping keeps stitches from sinking into the fabric and prevents any loops of the fabric from showing through the embroidery.



AquaMesh

10" 10yd *HBWAM-10*
15" 10yd *HBWAM-15*
20" 10yd *HBWAM-20*

- An opaque mesh water soluble stabilizer
- Perfect for creating freestanding lace
- Ideal to use on sheer or lightweight fabrics such as batiste when all traces of stabilizer must be removed
- Resists drying out or absorbing moisture

AquaMesh Plus

10" 5yd *HBWAP-10*
20" 5yd *HBWAP-20*

- An opaque mesh water soluble pressure sensitive stabilizer
- Use when embroidering hard to hoop items using low stitch-count designs, when all the traces of stabilizer must be removed after embroidery is finished
- Ideal for use on sheer, fine, or lightweight fabrics, such as chiffon and organza
- AquaMesh Plus rinses out easily with lukewarm water

BadgeMaster

12" 8yd *HBABM-12*

- A great stabilizer when sewing on sheer, lightweight, and fine fabrics
- Use when all traces of stabilizer must be removed from the fabric
- Use to create freestanding lace

StitchH2O

8" 10yd *HBWST-8*
12" 10yd *HBWST-12*

- This water soluble topping will not stick to your embroidery foot
- Has a textured finish for ease of handling
- Excess tears away easily; remove remnants by dabbing with water
- Use on top of item to be embroidered to keep stitches from sinking into the nap of the fabric

CUT-AWAY

Use OESD's Cut-Away stabilizers with fabric that stretch including knit, loosely woven fabrics, and denim. Cut-Away stabilizer will hold more stitches than Tear-Away. Use Cut-Away for stitching dense designs on woven fabrics. As the name suggests, after embroidering the excess is easily cut away.



PolyMesh

10" White 10yd *HBC15-10*
15" White 10yd *HBC15-15*
20" White 10yd *HBC15-20*
10" Black 10yd *HBC15-10B*
15" Black 10yd *HBC15-15B*
10" Beige 10yd *HBC15-10G*
15" Beige 10yd *HBC15-15G*

- Excellent for use with thinner fabrics to prevent show through of stabilizer
- Soft but very strong, a good choice for knits and stretchy fabrics
- Securely holds embroidery stitches on garments or projects through repeated washing and wearing
- Soft finish prevents skin irritation

Medium Weight

10" White 10yd *HBC20-10*
15" White 10yd *HBC20-15*

- Use with medium to heavy stitch count designs
- Softens after washing, works well with soft fabrics as well as heavier fabrics
- Use with medium weight stretchy fabrics, such as knits and lightweight denim

Heavy Weight

10" White 10yd *HBC25-10*
15" White 10yd *HBC25-15*
20" White 10yd *HBC25-20*
10" Black 10yd *HBC25-10B*
15" Black 10yd *HBC25-15B*

- Use with large or stitch-intensive designs
- A good choice for denim, sweatshirt fleece, or heavy knits
- Softens after washing
- Excellent choice for open arm or multi-needle machines

Fusible PolyMesh

10" White 10yd *HBF15-10*
15" White 10yd *HBF15-15*

- Irons on for added stability during hooping and embroidery
- Used to stabilize fabrics like knits or lightweight woven to maintain softness
- Use when strength is needed to hold embroidery stitches through washing and wearing of lightweight items
- Perfect for sweater knits

StabilStick

10" White 10yd *HBSSC39-10*
15" White 10yd *HBSSC39-15*
20" White 5yd *HBSSC39-20*

- A high quality medium weight cut-away stabilizer with a light adhesive coating
- Use on knits or stretchy fabrics, such as jeans or other garments that stretch during wear
- Use on hard-to-hoop or multi-hoop projects

Fusible Woven

15" White 5yd *HBFW-15*
20" White 5yd *HBFW-20*
15" Black 5yd *HBFW-15B*
20" Black 5yd *HBFW-20B*

- Lightweight woven fabric with all-over fusible
- Adds body to light to medium weight fabrics
- Helps to prevent fabric puckering
- Ideal for large embroidery designs or multihoooped projects
- Use in combination with tear away or cut away stabilizer

SPECIALTY

Some embroidery projects require a specialty stabilizer to reach their full potential. OESD has carefully selected these specialty stabilizers to cover all aspects of embroidery.



Heat2Go

8" 10yd HTG20-8
12" 10yd HTG20-12

- A medium weight clear film that can be used as a topper or stabilizer for specialty applications
- Easily removed without distorting even delicate stitches
- The perfect topping for moisture sensitive fabrics
- A permanent solution to hold lofty fabric fibers in place under embroidery, such as towels, corduroy, velvet, wool, and fleece

Top Cover

15" White 5yd HBTC-15
8" x 9" 20 Sheets HBTC-10

- Permanent topping
- Prevents show through on contrasting embroidery
- Great for fleece and textured fabrics

Gentle Touch Backing

10" White 5yd HBGT-10

- For backing on embroidery that may be abrasive to sensitive skin
- For covering uncomfortable seams

Appliqué Fuse and Fix

8.5" x 11" White 20
Sheets HBA20-10

- Use with designs containing appliqué pieces
- One side sticky, the other is fusible making appliqué a breeze
- Can be stitched through and will not gum up the needle
- Does not leave appliqué feeling overly stiff

Fiber Form

18" x 22" HBFFC43

- Perfect for projects that require a firm base (boxes, hat rims, in the hoop projects, etc)
- Holds its shape
- Easy to manipulate
- Easy to trim away with scissors
- Machine wash and dry cleanable

Fuse and Fleece

10" 5yd White HBFF-10
15" 5yd White HBFF-15
20" 5yd White HBFF-20

- Lightweight fusible fleece
- Creates loft in embroidered items
- Add texture to tote bags, quilt blocks, trapunto and more
- Use on woven fabrics

SoftWeb

14" 5yd HBSW-14
21" 5yd HBSW-21
8.5" x 10" 10 Sheets HBSW-8

- Paper backed fusible web
- Ultra fine web keeps projects soft and flexible
- Holds appliqués securely without adding bulk
- Easily hand or machine finish
- Soft enough to quilt through
- Fuses evenly without bubbling

Fuse and Seal

15" 5yd HBHSC-15
8" x 10" 20 Sheets
HBHSC-10S

- Clear iron-on film for applying embroidery to most fabric without sewing
- Great for applying pre-stitched designs to shirts, towels etc.
- Heat activated bond that withstands repeated washings