



Backing selector

 Knitwear

 Woven fabrics

 Stretchy fabrics

 Cut-away backings

 Tear-away backings

 Fusible backings

 Specialty materials

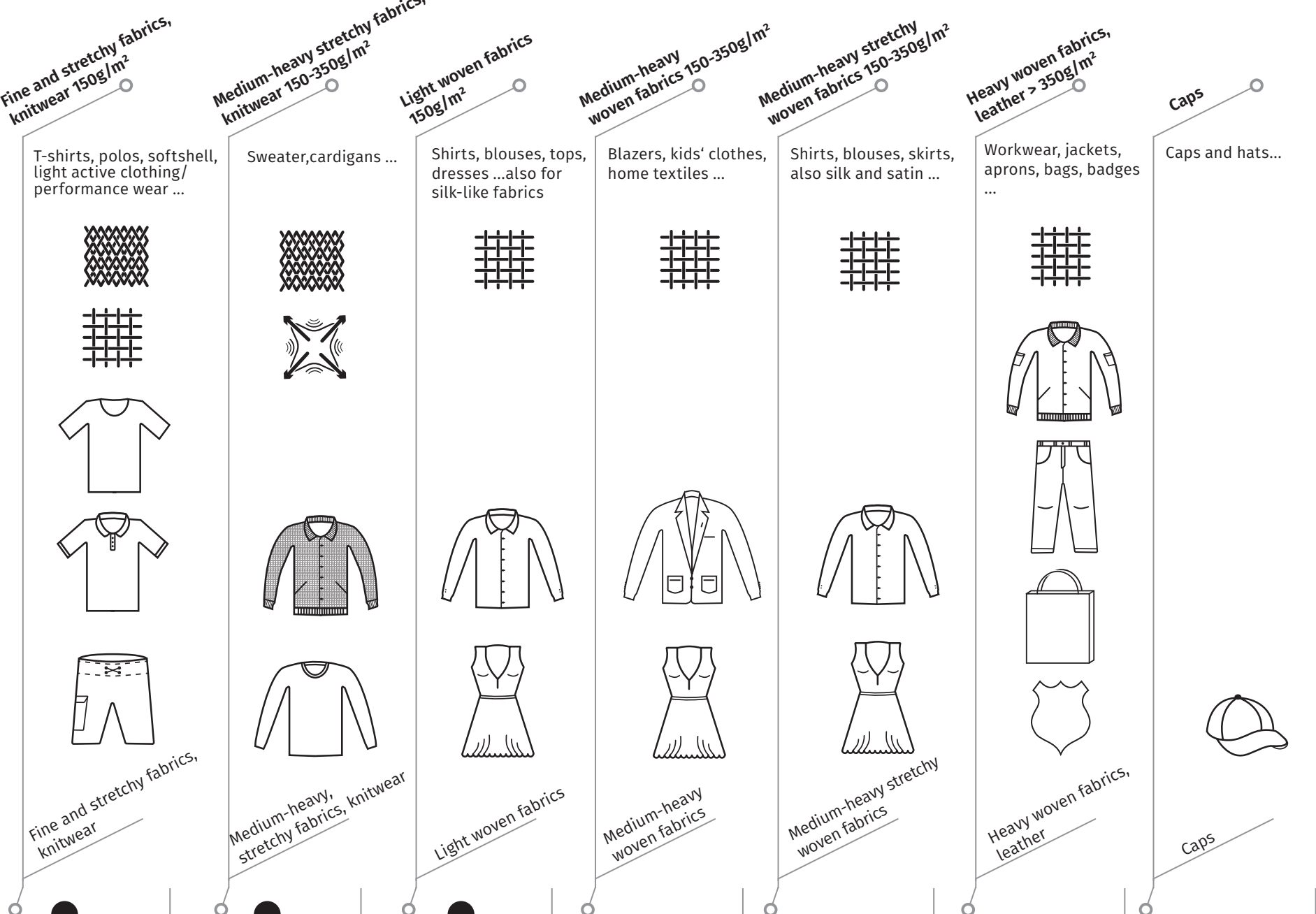
 Toppings

 Bestseller

 Water-soluble

 Heat-soluble

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madeira.com/best-practice



Cut-away backings

PRODUCT	MAKE-UP	COLOUR ART.NO.		MATERIAL	OEKO-TEX*	GRS**							
E-ZEE Green Cut 45 45 g/m²	100 m x 20 cm	☐	052GRC42W	☒ 052GRC42B	100% polyester [recycled]	✓	✓						
	100 m x 30 cm	☐	052GRC43W	☒ 052GRC43B	100% polyester [recycled]	✓	✓						
	100 m x 100 cm	☐	052GRC41W	☒ 052GRC41B	100% polyester [recycled]	✓	✓						
E-ZEE Green Cut 80 80 g/m²	100 m x 20 cm	☐	052GRC82W	☒ 052GRC82B	100% polyester [recycled]	✓	✓						
	100 m x 30 cm	☐	052GRC83W	☒ 052GRC83B	100% polyester [recycled]	✓	✓						
	100 m x 100 cm	☐	052GRC81W	☒ 052GRC81B	100% polyester [recycled]	✓	✓						
CMX 40 g/m²	100 m x 90 cm	☐	051CMX4W	☒ 051CMX4S	60% polyester, 40% wood pulp	✓							
CMX 50 g/m²	100 m x 90 cm	☐	051CMX51	☒ 051CMX50	60% polyester, 20% wood pulp, 20% viscose	✓							
CMX 65 g/m²	100 m x 90 cm	☐	051CMX6W	☒ 051CMX6S	60% polyester, 40% wood pulp	✓							
CMX 80 g/m²	100 m x 90 cm	☐	051CMX8W	☒ 051CMX8S	60% polyester, 40% wood pulp	✓							
WEBLON 34 g/m²	20 cm x 20 cm	 		☒ 051WL20S	100% polyamide	✓							
	45 m x 50 cm			☒ 051WL50S	100% polyamide	✓							
	45 m x 75 cm			☒ 051WL75S	100% polyamide	✓							
	200 m x 94 cm		☐ 051WL92W	☒ 051WL92S	100% polyamide	✓							
WEBLON 44 g/m²	20 cm x 20 cm	 	☐ 051WL20W		100% polyamide	✓							
	45 m x 50 cm		☐ 051WL50W		100% polyamide	✓							
	45 m x 75 cm		☐ 051WL75W		100% polyamide	✓							
WEBLON + 55 g/m²	20 cm x 20 cm	 	☐ 051WP52W	☒ 051WP52S	100% polyamide	✓							
	38 cm x 38 cm		☐ 051WP54W	☒ 051WP54S	100% polyamide	✓							
	100 m x 90 cm		☐ 051WP59W	☒ 051WP59S	100% polyamide	✓							
PES SOFT GREEN 80 g/m²	100 m x 90 cm	☐	052PS89W	☒ 052PS89S	white: 100% polyester [recycled] black: 60% polyester [recycled], 40% polyester	✓	✓						
PES Hard GREEN 80 g/m²	100 m x 90 cm	☐	052PH89W	☒ 052PH89S	white: 100% polyester [recycled] black: 60% polyester [recycled], 40% polyester	✓	✓						
SMX 80 g/m²	100 m x 90 cm	☐	051SMX8W		55% polyester, 30% viscose, 15% vinylal	✓							
WEB 50 g/m²	23 cm x 23 cm	 	☐ 051WB52W	☒ 051WB52S	100% polypropylene	✓							
	38 cm x 38 cm		☐ 051WB54W	☒ 051WB54S	100% polypropylene	✓							
	200 m x 90 cm		☐ 051WB59W	☒ 051WB59S	100% polypropylene	✓							

Tear-away backings

CMX 35 g/m²	200 m x 90 cm	☐	051CMX3W	☒ 051CMX3S	80% wood pulp, 20% polyester	✓							
CMX 50 g/m²	 200 m x 90 cm	☐	051CMX5W	☒ 051CMX5S	80% wood pulp, 20% polyester	✓							
CMX 75 g/m²	 100 m x 90 cm	☐	051CMX7W	☒ 051CMX7S	70% wood pulp, 30% viscose	✓							
CAPS GREEN 76 g/m²	10 cm x 30 cm	 	☐ 052QC71W		100% polyester [recycled]	✓	✓						☒
	100 m x 10 cm		☐ 052RC71W		100% polyester [recycled]	✓	✓						☒
SQUARES 40 g/m²	20 cm x 20 cm	 	☐ 051QV42W	☒ 051QV42S	100% viscose								☒ 2 layers
SMX 35 g/m²	200 m x 90 cm	☐	051SMX3W		55% polyester, 30% viscose, 15% vinylal	✓							
SMX 42 g/m²	200 m x 90 cm	☐	051SMX4W		55% polyester, 30% viscose, 15% vinylal	✓							
SMX 50 g/m²	200 m x 90 cm	☐	051SMX5W		55% polyester, 30% viscose, 15% vinylal	✓							
COTTON SOFT 50 g/m²	200 m x 90 cm		☐ 051CS59W	☒ 051CS59S	100% cotton [recycled]								
	6 x 50 m x 30 cm		☐ 051CS53W	☒ 051CS53S	100% cotton [recycled]								
COTTON SOFT 60 g/m²	200 m x 90 cm	☐	051CS69W	☒ 051CS69S	100% cotton [recycled]								☒
COTTON SOFT 80 g/m²	200 m x 90 cm	☐	051CS89W	☒ 051CS89S	100% cotton [recycled]								☒

Fusible backings

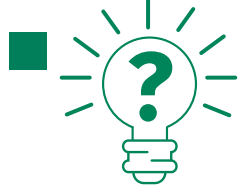
CMX 48 g/m²	200 m x 90 cm	☐	051CMF4W	☒ 051CMF4S	80% wood pulp, 20% polyester [glue: LDPE]	✓							
WEBLON + 70 g/m²	20 cm x 20 cm	 	☐ 051WF72W	☒ 051WF72S	100% polyamide [glue: LDPE]	✓							
	38 cm x 38 cm		☐ 051WF74W	☒ 051WF74S	100% polyamide [glue: LDPE]	✓							
SMX 70 g/m²	100 m x 90 cm	☐	051SMF7W		55% polyester, 30% viscose, 15% vinylal [glue: LDPE]	✓							

Toppings

AVALON, 20 μ	100 m x 20 cm	☐	035AVA20		100% vinylal				
	100 m x 50 cm	☐	035AVA50		100% vinylal				
	100 m x 100 cm	☐	035AVA		100% vinylal				
AVALON STRONG, 35 μ	100 m x 20 cm	☐	035AVS21		100% vinylal	✓			
	100 m x 50 cm	☐	035AVS51		100% vinylal	✓			
	100 m x 100 cm	☐	035AVS11		100% vinylal	✓			
AVALON ULTRA, 90 μ	50 m x 50 cm	☐	035AVU55		100% vinylal	✓			
	50 m x 100 cm	☐	035AVU15		100% vinylal	✓			

Speciality materials

FIRE FIGHTER 55 g/m²	50 m x 100 cm	☒	051FF51S		100% aramid	✓		
	50 m x 20 cm	☒	051FF52S		100% aramid	✓		
STICK ON 50 g/m²	50 m x 75 cm	☐	051SV75W	☒ 051SV75S	100% viscose [glue: acrylic glue]			
	100 m x 75 cm	☐	051SV57W	☒ 051SV71S	100% viscose [glue: acrylic glue]			
STICK ON LIGHT 50 g/m²	50 m x 75 cm	☐	051SL75W		100% viscose [glue: acrylic glue]			
	100 m x 75 cm	☐	051SL71W		100% viscose [glue: acrylic glue]			
AVALON PLUS, 300 μ	100 m x 20 cm	☐	035PLUS2		100% vinylal	✓		
	100 m x 50 cm	☐	035PLUS5		100% vinylal	✓		
	100 m x 100 cm	☐	035PLUS1		100% vinylal	✓		
MadeirAS, 30 μ	100 m x 50 cm	☐	035AS513		100% elastolefin	✓		
	200 m x 100 cm	☐	035AS123		100% elastolefin	✓		
MadeirAS, 100 μ	100 m x 50 cm	☐	035AS51B		100% elastolefin	✓		
	100 m x 100 cm	☐	035AS11B		100% elastolefin	✓		
BODY BUILDER, 3 mm	30 cm x 40 cm	☐	035B010W	☒ 035B010B	100% ethylene vinyl acetate	✓		
BODY BUILDER HARD, 3 mm	30 cm x 40 cm	☐	035BH10W	☒ 035BH10B	100% ethylene vinyl acetate	✓		
HEAT SEAL 100 g/m²	50 m x 20 cm	☐	035HI125		100% polyamide			
	50 m x 50 cm	☐	035HI155		100% polyamide			
COMFORT WEAR 40 g/m²	100 m x 50 cm	☐	051CW50W	☒ 051CW50S	100% polyester	✓		
WATER SEAL 120 g/m²	300 m x 45,5 cm	☐	035ST104		100% polyurethane			Full adhesion after 48 hours



- We recommend using only one layer of backing

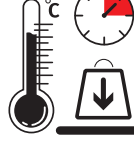
- **Adhesive backings:** To achieve optimal results, always test before production, taking the care instructions of the fabric into consideration.

- **STICK ON & STICK ON LIGHT:** for textiles that cannot or should not be hooped (napkins, pocket squares, ties, shirt collars, curdury, velvet, suede...).



Fusible backings

**Ironing temperature**

**Heat press**

150 - 160 °C



150 - 160 °C
4-6 sec.
0-2 bar



 **Pressure:** For **CMX** and **SMX**, always use light pressure to ensure that no adhesive remains on the fabric when the fusible backing is removed.

Fabrics and fabric finishes affect the adhesive performance of fusible backings. For this reason, we recommend that you always carry out a test before starting production. By changing the variables of temperature, pressure, time and steam, the fusing result can be controlled. Care instructions for the fabric must be followed.



STANDARD 100



Stabilisers that are marked with a checkmark in the respective column are OEKO-TEX® STANDARD 100 certified by Hohenstein HTTI. Products labelled with this standard guarantee that they have been tested for harmful substances. The tests are carried out by independent institutes based on a comprehensive catalogue of OEKO-TEX® criteria. The tests take a wide range of substances into account, both regulated and non-regulated, that can be harmful to human health. In many cases, the limits set for STANDARD 100 are more stringent than national and international specifications. Visit our website to download the product certificates: <https://www.madeira.com/embroidery-solutions/service/support/downloads#7940>

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