



Helping You Sustain Good Business Practices

In the world of textile apparel labeling, Avery Dennison is leading the way with an impressive range of eco-friendly labeling solutions to complement sustainable garments—a range that would not be complete without woven label solutions. Our line of eco-friendly woven labels currently includes:

- Organic cotton warp and ground / lettering fill weft, or natural bamboo weft
- 60%-70% recycled polyester blend with standard polyester warp
- 100% recycled polyester warp and fill

Blends between natural fibers, including organic cotton and bamboo, and recycled or standard polyesters are also possible. These customized combinations can enhance clarity of text or wash performance over wholly natural labeling while still meeting sustainable criteria.

Organic Cotton and Natural Cotton Blends With Natural Bamboo

- Organic cotton warp and natural cotton warp-and weft-based items are manufactured exclusively on needle looms from certified organic cotton or natural cotton, and yarns derived from natural bamboo (either viscose or spun processed)
- Very soft hand, along with natural look
- Limitations with density and design clarity
- Organic cotton, natural cotton and bamboo are natural beige in color, and can be dyed upon on request
- Resistant to home laundering at temperatures up to 110°F/40°C but not recommended for industrial laundering/processes

AVAILABILITY: Limited availability of organic cotton in the marketplace poses the risk of supply chain interruptions. Projections are needed for programs requiring organic cotton. Manufactured in HK / China only. Natural cotton weft products are available in Europe.



60%-70% Recycled Polyester / 30%-40% Standard Polyester

- Manufactured on either broad or needle looms using standard polyester warp combined with certified recycled polyester ground and lettering fill yarns made from Post Consumer Waste, Post Industrial Waste or combination
- Standard polyester look and feel
- Recycled fill yarns are dyed to match
- Wash resistant at temperatures up to 200°F/90°C
- General performance and look similar to standard polyester yarns

AVAILABILITY: Manufactured in HK / China only.

100% Recycled Polyester

- Manufactured in broad loom using both warp, ground and lettering weft fill, from certified recycled polyester yarns made from Post Consumer Waste, Post Industrial Waste or combination
- Standard polyester look and feel
- White warp recycled poly only
- Recycled fill yarns are dyed to match
- General performance and look similar to standard polyester yarns
- Wash resistant at temperatures up to 200°F/90°C

AVAILABILITY: Manufactured in HK / China only.





Eco-Friendly Woven Labels: Technical information

PRODUCT DESCRIPTION	CONTENT	WARP COLOR	LOOM TYPE	STANDARD WIDTHS*	EDGE TYPE	PERFORMANCE	SUGGESTED CUT/FOLD
BLENDED COMBINATIONS OF NON-ECO AND ECO YARN FIBERS							
Standard Polyester / Recycled Polyester	Warp=Standard Polyester Ground & Lettering =Recycled Poly	White or Black	BL or NL	All BL & NL	BL=Fused or U/S NL=Woven	Suitable for home laundering. OK for industrial washing, however should be tested	All Straight Cut, Cut & Fold, Loop processes acceptable
Standard Polyester / Bamboo	Warp=Standard Polyester Ground & Lettering =Bamboo	White or Black	BL or NL	All BL & NL	BL=U/S NL=Woven	Suitable for home laundering only	Cut & Fold, Loop processes acceptable. Straight fuse cutting not recommended
Standard Polyester / Organic Cotton	Warp=Standard Polyester Ground & Lettering =Org. Cotton	White or Black	BL or NL	All BL & NL	BL=U/S NL=Woven	Suitable for home laundering only	Cut & Fold, Loop processes acceptable. Straight fuse cutting not recommended
Standard Polyester / Blends of Eco-Fibers	Warp=Standard Polyester Ground & Lettering =Eco-Fibers (any combination of 3 above fibers)	White or Black	BL or NL	All BL & NL	BL=U/S (possibly fused) NL=Woven	Suitable for home laundering. OK for industrial washing, however should be tested	All Straight Cut, Cut & Fold, Loop processes acceptable provided Recycled Polyester used in ground fill
Organic Cotton / Standard Polyester	Warp=Organic Cotton Ground & Lettering =Standard Poly	Natural White (Black is custom)	NL	All NL	NL=Woven	Suitable for home laundering only	Cut & Fold, Loop processes acceptable. Straight fuse cutting not possible
COMPLETE ALL YARNS ARE ECO FIBERS							
Recycled Polyester / Recycled Polyester	Warp=Recycled Polyester Ground & Lettering =Recycled Poly	White	BL	All BL	BL=Fused or U/S	Suitable for home laundering. OK for industrial washing, however should be tested	All Straight Cut, Cut & Fold, Loop processes acceptable
Organic Cotton/ Recycled Polyester	Warp=Organic Cotton Ground & Lettering =Recycled Poly	Natural White (Black is custom)	NL	All NL	NL=Woven	Suitable for home laundering only	Cut & Fold, Loop processes acceptable. Straight fuse cutting not possible
Organic Cotton/ Bamboo	Warp=Organic Cotton Ground & Lettering =Bamboo	Natural White (Black is custom)	NL	All NL	NL=Woven	Suitable for home laundering only	Cut & Fold, Loop processes acceptable. Straight fuse cutting not possible
Organic Cotton/ Organic Cotton	Warp=Organic Cotton Ground & Lettering =Org. Cotton	Natural White (Black is custom)	NL	All NL	NL=Woven	Suitable for home laundering only	Cut & Fold, Loop processes acceptable. Straight fuse cutting not possible
Organic Cotton/ Blend of Eco-Fibers	Warp=Organic Cotton Ground & Lettering =Eco - Fibers (any combination of 3 above fibers)	Natural White (Black is custom)	NL	All NL	NL=Woven	Suitable for home laundering only	Cut & Fold, Loop processes acceptable. Straight fuse cutting not possible

Legend : BL = Broad loom , NL = Needle loom. Fused = hot-knife cut, U/S= Ultra-sonic cut for a softer edge

*BL Standard width range is 10mm -200mm wide : NL Standard width range is 10mm - 50mm wide

All information given is based on the results of testing performed by Avery Dennison. Customers must test any product thoroughly through all relevant processes before starting production.

CONSTRUCTIONS: All basic qualities, including "canvas" weave when using organic cotton warp. Limitations are based on fiber content and available deniers.

LEAD TIMES: Two weeks if dye-to-match colors are not required. Three to four weeks for dye-to-match custom yarn colors.

PRODUCTION LOCATIONS: Hong Kong/ China. Some availability in Europe.

Information and Brand Management Division

AMERICAS

7 Bishop Street
Framingham, MA 01702-8366
USA
Toll Free USA 800 545 9559
International Telephone +1 818 735 5000
Fax +1 818 735 6000

ASIA

32/F, Skyline Tower
39 Wang Kwong Road
Kowloon Bay, Kowloon,
Hong Kong
Telephone +852 2400 4000
Fax +852 2785 1255

EUROPE, MIDDLE EAST, AFRICA & S. ASIA

Building 9, Hatters Lane
Croxley Green Business Park
Watford, Hertfordshire WD18 8PD
UK
Telephone +44 (0) 1923 691000
Fax +44 (0) 1923 236967