

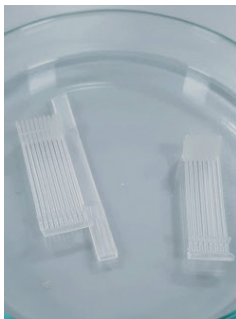
Sustainable Apparel Tagging Solution

Avery Dennison Ecotach™ Biodegradable (bio-PP) Fasteners meet the needs of environmentally conscious retailers, brand owners and consumers WHO WANT to reduce their environmental footprint. Switching to our Biodegradable Ecotach Fasteners for tag/label attaching demonstrates brand innovation and environmental responsibility.

Lower Environmental Impact

The Ecotach™ bio-PP Fastener is a first of its kind innovation and will help reduce waste by reducing the amount of single use plastic that goes into the environment.

The new bio-PP Fastener is made out of a proprietary blend of polypropylene material specifically designed to biodegrade in less than a year once it is on soil, without leaving behind any harmful substances. The technology used results in no microplastics so that when a fastener degrades all that is left is carbon dioxide, water and microbes (biomass). Comparatively speaking, a regular polypropylene fastener would take anywhere from 20 -30 years to breakdown depending on environmental conditions.



0 Days



14 Days



28 Days

The images represent the results of the Biodegradability testing of our bio-PP fasteners and were performed by an independent testing agency per ASTM D2565 / ISO 4892-2 under accelerated aging conditions.



Industry Insights

Did you know each year, approximately 80 billion garments are manufactured and it's estimated that 90% of them have a single use plastic fastener, resulting in 72 billion plastic fasteners made every year for the garment industry—the equivalent of the same amount of plastic found in in 761,581,156 single-serve 0.5 liter PET water bottles.

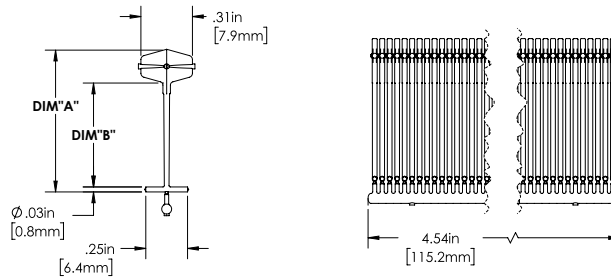
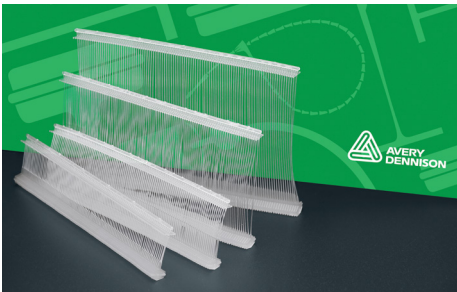
Design Versatility

- Available in 1/2", 1", 2" & 3" Fine Fabric™ Clip forms
- Available in natural ONLY
- Application is simple and quick with our Fine Fabric™ tools

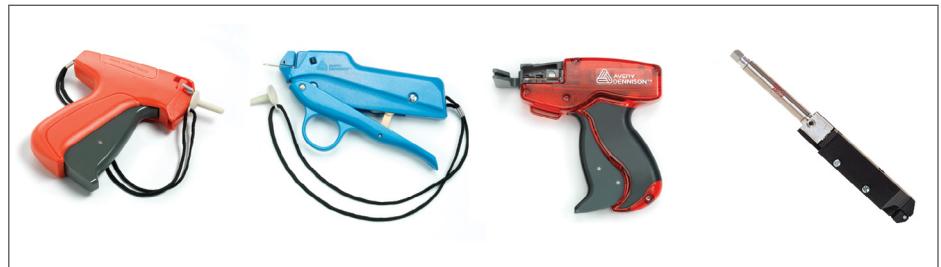
For more information on Avery Dennison's sustainability efforts visit sustainability.averydennison.com.

Technical Information

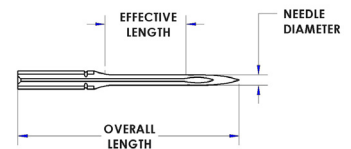
Ecotach™ Biodegradable (bio-PP) Fasteners										
Part #	Class	Overall Length	Filament Length	Paddle Length	Material	Color	Minimum Tensile Strength	Clip Qty	Inner Box Qty	Case Qty
17060-0	Fine Fabric	0.75" (23mm)	0.5" (17mm)	0.25" (6.4mm)	bio-PP	Natural	2.5 lbf (1.13 kgf)	100	10,000	100,000
17061-0	Fine Fabric	1.25" (32mm)	1.0" (25mm)	0.25" (6.4mm)	bio-PP	Natural	2.5 lbf (1.13 kgf)	100	10,000	100,000
17062-0	Fine Fabric	2.25" (57mm)	2.0" (50mm)	0.25" (6.4mm)	bio-PP	Natural	2.5 lbf (1.13 kgf)	100	10,000	100,000
17063-0	Fine Fabric	3.00" (76mm)	2.57" (70mm)	0.25" (6.4mm)	bio-PP	Natural	2.5 lbf (1.13 kgf)	100	10,000	100,000



Tools			
Part #	Item Description	Actuation	Pkg Qty
10312-0	SW, Mark III FF Tool	Handheld	1
08946-1	SW, FF Scissor	Handheld	1
11501-0	SW, Mark V FF Tool	Handheld	1
SPU2M04	SW, IND. FF Short Modules	Pneumatic	1
SPU2M02	SW, IND. FF Long Modules	Pneumatic	1



Needles								
Part #	Item Description	Tool	Material	Overall Length	Effective Length	Outside Diameter	Shortest Effective Fastener	Pkg Qty
17069-0*	ECOTACH FF NEEDLE KIT*	Handheld	Plastic	1.00" (25.0mm)	0.23" (6mm)	0.051" (1.3mm)	0.23" (6mm)	4 / kit
08944-0	SW, FF PLAST BSE NDL KT	Handheld	Plastic	1.00" (25.0mm)	0.31" (8mm)	0.051" (1.3mm)	0.23" (6mm)	4 / kit
10695-0	SW, FF SAFTY SEAL NDL KT	Handheld	Plastic	1.00" (25.0mm)	0.31" (8mm)	0.051" (1.3mm)	0.23" (6mm)	10 / kit
10981-0	SW, FF SFTY SEAL NDL (BK)	Handheld	Plastic	1.00" (25.0mm)	0.31" (8mm)	0.051" (1.3mm)	0.23" (6mm)	100
10070-0	SW, FF Short A-STEEL NDL KT	Handheld	All Steel	1.10" (28.0mm)	0.35" (9mm)	0.055" (1.4mm)	0.23" (6mm)	4 / kit
11504-0	FF All Steel HD Needle	Handheld	All Steel	1.28" (32.5mm)	0.46" (11.84mm)	0.056" (1.4mm)	0.23" (6mm)	4 / kit
11503-0	SW, NDL, KT, FF LONG PLASTIC	Handheld	Plastic	1.25" (31.8mm)	0.53" (13.5mm)	0.051" (1.3mm)	0.23" (6mm)	4 / kit
10679-0	Long Heavy Duty - All Steel	Pneumatic	All Steel	1.60" (41.0mm)	0.86" (22mm)	0.059" (1.5mm)	0.83" (21mm)	4 / kit



FF = Fine Fabric

* Use this needle for best results when applying the 1/2" fastener.

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USA & CANADA

224 Industrial Road
Fitchburg, MA 01420
Tel +978 345 8100 (direct)
Tel +800 225 5913
Fax +800 848 2169

LATIN AMERICA

Aristóteles #123
Parque Industrial Kalos
Apodaca, Nuevo León
66600 México
Tel +52 (81) 8864 4100
Fax +52 (81) 8864 4101

ASIA

No. 7 Chun Ying Street
Tseung Kwan O
Industrial Estate
New Territories, Hong Kong
Tel +852 2372 3000
Fax +852 2873 6436

EUROPE, MIDDLE EAST & AFRICA

1 Thomas Road
Wooburn Green
Bucks HP10 0PE
Tel +(44) 1628 859500
Fax +(44) 1628 859567

fastener.averydennison.com

fastener@averydennison.com ✉