

January 2024

Ecotach™ Recycled Polypropylene (rPP) Fasteners

Avery Dennison's recycled polypropylene (rPP) fasteners are designed to be used with our existing tools. Both Fine Fabric & Standard fasteners are available. There's no need to buy new tooling. Our rPP products do not require long testing lead times and added costs each time a new color is developed. This allows you to choose from a variety of standard colors that can be made to order.



Help Our Planet



By purchasing Avery Dennison's rPP fasteners you help our planet in two ways:

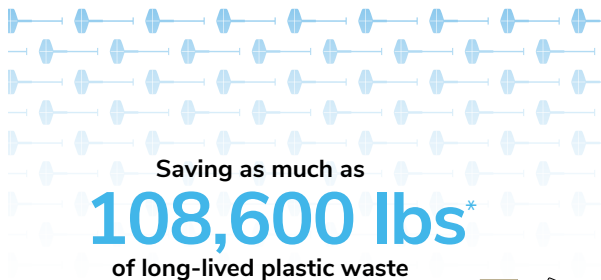
1. Remove and repurpose plastic waste from the waste stream.
2. Close the Circle – We mindfully innovate aiming for truly sustainable solutions. We consider the entire value chain and support the companies that gather, clean, and re-pelletize the world's plastic waste.

Our 30% and 100% rPP products are designed to maximize our recycled content, while maintaining the product performance our customers need. Our rPP fasteners meet the same specifications as our virgin fasteners in the following important ways:

- ✓ Reliable Tensile Strength
- ✓ Optimal Shelf-Life
- ✓ Low T-Bar Fly-Off Rates

Recycled Fasteners Can Make a Difference

Switching to our Ecotach™ recycled polypropylene (rPP) tagging solution can make a big impact on plastic waste when compared to using virgin plastic polypropylene (PP) fasteners.



*if ordering the 100% rPP 2" standard fasteners at 1B quantity, this results in 108,600 lbs of plastic waste being diverted from the waste stream to our Ecotach rPP fasteners

100% rPP

.5" (13m) original PP fasteners

Volume tier	Total Annual Plastic Waste
100 Million.....	≈ 5,400 lbs
1 Billion.....	≈ 54,000 lbs

1" (25m) original PP fasteners

Volume tier	Total Annual Plastic Waste
100 Million.....	≈ 8,970 lbs
1 Billion.....	≈ 89,700 lbs

2" (50mm) original PP fasteners

Volume tier	Total Annual Plastic Waste
100 Million.....	≈ 10,860 lbs
1 Billion.....	≈ 108,600 lbs

30% rPP

.5" (13m) original PP fasteners

Volume tier	Total Annual Plastic Waste
100 Million.....	≈ 1,600 lbs
1 Billion.....	≈ 16,000 lbs

1" (25m) original PP fasteners

Volume tier	Total Annual Plastic Waste
100 Million.....	≈ 2,690 lbs
1 Billion.....	≈ 26,900 lbs

2" (50mm) original PP fasteners

Volume tier	Total Annual Plastic Waste
100 Million.....	≈ 3,260 lbs
1 Billion.....	≈ 32,600 lbs

Ecotach™ Recycled Polypropylene (rPP) Fasteners: Overview



Fine Fabric			
Size	30% rPP		100% rPP
	Part # Black	Part # Natural	
0.25" (7mm)	RPP3FT7-BLK	RPP3FT7-NAT	RPP10FT7-NAT
0.50" (13mm)	RPP3FP13-BLK	RPP3FP13-NAT	RPP10FP13-NAT
0.67" (17mm)	RPP3FP17-BLK	RPP3FP17-NAT	RPP10FP17-NAT
1.00" (25mm)	RPP3FP25-BLK	RPP3FP25-NAT	RPP10FP25-NAT
2.00" (50mm)	RPP3FP50-BLK	RPP3FP50-NAT	RPP10FP50-NAT
2.75" (70mm)	RPP3FP70-BLK	RPP3FP70-NAT	RPP10FP70-NAT

Standard			
Size	30% rPP		100% rPP
	Part # Black	Part # Natural	
1.00" (25mm)	RPP3SP25-BLK	RPP3SP25-NAT	RPP10SP25-NAT
1.57" (40mm)	RPP3SP40-BLK	RPP3SP40-NAT	RPP10SP40-NAT
2.00" (50mm)	RPP3SP50-BLK	RPP3SP50-NAT	RPP10SP50-NAT
2.57" (65mm)	RPP3SP65-BLK	RPP3SP65-NAT	RPP10SP65-NAT



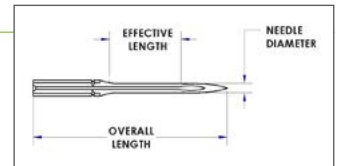
Secur-A-Tach®		
Size	30% rPP	
	Part # Black	Part # Natural
3.00" (76mm)	17146-0	17150-0
5.00" (127mm)	17147-0	17151-0
7.00" (178mm)	17148-0	17152-0
9.00" (229mm)	17149-0	17153-0

Ecotach™ Recycled (rPP) Fasteners

Fasteners

Part #	Class	Description	% PCW	Load Type	Overall Length	Filament Length	Paddle Length	Min Tensile Strength	Color / PMS	Carton Qty	Case Qty	GRS Cert
RPP3FT7-NAT	Fine Fabric	SW, 1/4" (7mm) FF Ecotach™ rPP	30%	Clip	.31" (7.8mm)	.25" (7mm)	T-End	3.5 lbf (1.50kgf)	Natural	10,000	100,000	Yes
RPP3FP13-NAT	Fine Fabric	SW, 1/2" (13mm) FF Ecotach™ rPP	30%	Clip	.75" (19mm)	.50" (13mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Natural	10,000	100,000	Yes
RPP3FP17-NAT	Fine Fabric	SW, 11/16" (17mm) FF Ecotach™ rPP	30%	Clip	.91" (23mm)	.67" (17mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Natural	10,000	100,000	Yes
RPP3FP25-NAT	Fine Fabric	SW, 1" (25mm) FF Ecotach™ rPP	30%	Clip	1.25" (32mm)	1.00" (25mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Natural	10,000	100,000	Yes
RPP3FP50-NAT	Fine Fabric	SW, 2" (50mm) FF Ecotach™ rPP	30%	Clip	2.25" (57mm)	2.00" (50mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Natural	10,000	100,000	Yes
RPP3FP70-NAT	Fine Fabric	SW, 2-3/4" (70mm) FF Ecotach™ rPP	30%	Clip	3.00" (76mm)	2.75" (70mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Natural	10,000	100,000	Yes
RPP3SP25-NAT	Standard	1" (25mm) STD Ecotach™ rPP	30%	Clip	1.25" (31.8mm)	1.00" (25mm)	.41" (10.4mm)	4.5 lbf (2.00kgf)	Natural	5,000	50,000	Yes
RPP3SP40-NAT	Standard	1-9/16" (40mm) STD Ecotach™ rPP	30%	Clip	1.82" (46.2mm)	1.57" (40mm)	.41" (10.4mm)	4.5 lbf (2.00kgf)	Natural	5,000	50,000	Yes
RPP3SP50-NAT	Standard	2" (50mm) STD Ecotach™ rPP	30%	Clip	2.25" (57.2mm)	2.00" (50mm)	.41" (10.4mm)	4.5 lbf (2.00kgf)	Natural	5,000	50,000	Yes
RPP3SP65-NAT	Standard	2-9/16" (65mm) STD Ecotach™ rPP	30%	Clip	2.82" (71.6mm)	2.57" (65mm)	.41" (10.4mm)	4.5 lbf (2.00kgf)	Natural	5,000	50,000	Yes
RPP3FT7-BLK	Fine Fabric	1/4" (7mm) FF Ecotach™ rPP	30%	Clip	.31" (7.8mm)	.25" (7mm)	T-End	3.5 lbf (1.50kgf)	Black	10,000	100,000	Yes
RPP3FP13-BLK	Fine Fabric	1/2" (13mm) FF Ecotach™ rPP	30%	Clip	.75" (19mm)	.50" (13mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Black	10,000	100,000	Yes
RPP3FP17-BLK	Fine Fabric	11/16" (17mm) FF Ecotach™ rPP	30%	Clip	.91" (23mm)	.67" (17mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Black	10,000	100,000	Yes
RPP3FP25-BLK	Fine Fabric	1" (25mm) FF Ecotach™ rPP	30%	Clip	1.25" (32mm)	1.00" (25mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Black	10,000	100,000	Yes
RPP3FP50-BLK	Fine Fabric	2" (50mm) FF Ecotach™ rPP	30%	Clip	2.25" (57mm)	2.00" (50mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Black	10,000	100,000	Yes
RPP3FP70-BLK	Fine Fabric	2-3/4" (70mm) FF Ecotach™ rPP	30%	Clip	3.00" (76mm)	2.75" (70mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Black	10,000	100,000	Yes
RPP3SP25-BLK	Standard	1" (25mm) STD Ecotach™ rPP	30%	Clip	1.25" (31.8mm)	1.00" (25mm)	.41" (10.4mm)	4.5 lbf (2.00kgf)	Black	5,000	50,000	Yes
RPP3SP40-BLK	Standard	1-9/16" (40mm) STD Ecotach™ rPP	30%	Clip	1.82" (46.2mm)	1.57" (40mm)	.41" (10.4mm)	4.5 lbf (2.00kgf)	Black	5,000	50,000	Yes
RPP3SP50-BLK	Standard	2" (50mm) STD Ecotach™ rPP	30%	Clip	2.25" (57.2mm)	2.00" (50mm)	.41" (10.4mm)	4.5 lbf (2.00kgf)	Black	5,000	50,000	Yes
RPP3SP65-BLK	Standard	2-9/16" (65mm) STD Ecotach™ rPP	30%	Clip	2.82" (71.6mm)	2.57" (65mm)	.41" (10.4mm)	4.5 lbf (2.00kgf)	Black	5,000	50,000	Yes
RPP10FT7-NAT	Fine Fabric	1/4" (7mm) FF Ecotach™ rPP	100%	Clip	.31" (7.8mm)	.25" (7mm)	T-End	3.5 lbf (1.50kgf)	Natural	10,000	100,000	Yes
RPP10FP13-NAT	Fine Fabric	1/2" (13mm) FF Ecotach™ rPP	100%	Clip	.75" (19mm)	.50" (13mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Natural	10,000	100,000	Yes
RPP10FP17-NAT	Fine Fabric	11/16" (17mm) FF Ecotach™ rPP	100%	Clip	.91" (23mm)	.67" (17mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Natural	10,000	100,000	Yes
RPP10FP25-NAT	Fine Fabric	1" (25mm) FF Ecotach™ rPP	100%	Clip	1.25" (32mm)	1.00" (25mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Natural	10,000	100,000	Yes
RPP10FP50-NAT	Fine Fabric	2" (50mm) FF Ecotach™ rPP	100%	Clip	2.25" (57mm)	2.00" (50mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Natural	10,000	100,000	Yes
RPP10FP70-NAT	Fine Fabric	2-3/4" (70mm) FF Ecotach™ rPP	100%	Clip	3.00" (76mm)	2.75" (70mm)	.31" (7.9mm)	3.5 lbf (1.50kgf)	Natural	10,000	100,000	Yes
RPP10SP25-NAT	Standard	1" (25mm) STD Ecotach™ rPP	100%	Clip	1.25" (31.8mm)	1.00" (25mm)	.41" (10.4mm)	4.5 lbf (2.00kgf)	Natural	5,000	50,000	Yes
RPP10SP40-NAT	Standard	1-9/16" (40mm) STD Ecotach™ rPP	100%	Clip	1.82" (46.2mm)	1.57" (40mm)	.41" (10.4mm)	4.5 lbf (2.00kgf)	Natural	5,000	50,000	Yes
RPP10SP50-NAT	Standard	2" (50mm) STD Ecotach™ rPP	100%	Clip	2.25" (57.2mm)	2.00" (50mm)	.41" (10.4mm)	4.5 lbf (2.00kgf)	Natural	5,000	50,000	Yes
RPP10SP65-NAT	Standard	2-9/16" (65mm) STD Ecotach™ rPP	100%	Clip	2.82" (71.6mm)	2.57" (65mm)	.41" (10.4mm)	4.5 lbf (2.00kgf)	Natural	5,000	50,000	Yes

Needles & Tools for Ecotach™ Fasteners



Needles

Part #	Class	Description	Tool	Material	Overall Length	Effective Length	Outside Diameter	Shortest Effective Fastener	Pkg Qty
17069-0*	Fine Fabric	Ecotach™ FF Needle Kit*	Handheld	Plastic	1.00" (25.0mm)	0.23" (6mm)	0.051" (1.3mm)	0.23" (6mm)	4 / kit
08944-0	Fine Fabric	SW, FF Plastic BSE Needle Kit	Handheld	Plastic	1.00" (25.0mm)	0.31" (8mm)	0.051" (1.3mm)	0.23" (6mm)	4 / kit
10695-0	Fine Fabric	SW, FF Safety Seal Needle Kit	Handheld	Plastic	1.00" (25.0mm)	0.31" (8mm)	0.051" (1.3mm)	0.23" (6mm)	10 / kit
10981-0	Fine Fabric	SW, FF Safety Seal Needle (black)	Handheld	Plastic	1.00" (25.0mm)	0.31" (8mm)	0.051" (1.3mm)	0.23" (6mm)	100
10070-0	Fine Fabric	SW, FF Short A-Steel Needle	Handheld	All Steel	1.10" (28.0mm)	0.35" (9mm)	0.055" (1.4mm)	0.23" (6mm)	4 / kit
11504-0	Fine Fabric	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	Fine Fabric	SW, FF Long Plastic Needle Kit	Handheld	Plastic	1.25" (31.8mm)	0.53" (13.5mm)	0.051" (1.3mm)	0.23" (6mm)	4 / kit
10679-0	Fine Fabric	Long Heavy Duty - All Steel	Pneumatic	All Steel	1.60" (41.0mm)	0.86" (22mm)	0.059" (1.5mm)	0.83" (21mm)	4 / kit
08941-0	Standard	Black Plastic Base	Handheld	Plastic	1.30" (33mm)	0.51" (13mm)	0.075" (1.9mm)	0.51" (13mm)	4 / kit
10683-0	Standard	Black Plastic Base - Safety	Handheld	Plastic	1.30" (33mm)	0.51" (13mm)	0.075" (1.9mm)	0.51" (13mm)	10 / kit
10980-0	Standard	Black Plastic Base - Safety	Handheld	Plastic	1.30" (33mm)	0.51" (13mm)	0.075" (1.9mm)	0.51" (13mm)	100
08913-0	Standard	Heavy Duty	Handheld	All Steel	1.40" (35mm)	0.51" (13mm)	0.090" (2.3mm)	0.51" (13mm)	4 / kit
10693-0	Standard	Heavy Duty Stainless Steel	Handheld	All Steel	1.40" (35mm)	0.51" (13mm)	.090" (2.3mm)	0.51" (13mm)	4 / kit
10645-0	Standard	Heavy Duty Long	Handheld	All Steel	1.75" (44mm)	0.83" (21mm)	.090" (2.3mm)	0.75" (19mm)	4 / kit

* Use this needle for best results when applying the fastener with a filament length of 0.5" (12.7mm)

Tools

Part #	Class	Description	Actuation	Pkg Qty
10312-0	Fine Fabric	Mark III Fine Fabric Tool	Handheld	1
08946-1	Fine Fabric	Scissor Tool	Handheld	1
11501-0	Fine Fabric	Mark V Fine Fabric Tool	Handheld	1
SPU2M04	Fine Fabric	Short Module	Pneumatic	1
SPU2M02	Fine Fabric	Long Module	Pneumatic	1
10651-0	Standard	Mark III Pistol Tool	Handheld	1
08945-1	Standard	Mark II Scissor Grip Tool	Handheld	1
10636-0	Standard	Mark III Long Needle Pistol Tool	Handheld	1
16000-0	Standard	Soft Grip Standard Tool	Handheld	1



Learn about our Secur-A-Tach® Ecotach™ Fasteners on the last page of this brochure!



AVERY DENNISON

Fastener Solutions

Secur-A-Tach® Ecotach™ Fasteners

Recycled (rPP) Secur-A-Tach® Ecotach™ Fasteners

Part #	Description	% PCW	Load Type	Overall Length	Filament Length	Min Tensile Strength	Color / PMS	Carton Qty	Case Qty	GRS Cert
17146-0	3" Secur-A-Tach® Ecotach™ rPP Fastener	30%	Hand Applied	3.3" (84mm)	2.9" (73mm)	8 lbf (3.6 kg) min	Black	5,000	50,000	No
17147-0	5" Secur-A-Tach® Ecotach™ rPP Fastener	30%	Hand Applied	5.3" (134mm)	4.9" (123mm)	8 lbf (3.6 kg) min	Black	5,000	50,000	No
17148-0	7" Secur-A-Tach® Ecotach™ rPP Fastener	30%	Hand Applied	7.3" (184mm)	6.9" (173mm)	8 lbf (3.6 kg) min	Black	5,000	50,000	No
17149-0	9" Secur-A-Tach® Ecotach™ rPP Fastener	30%	Hand Applied	9.2" (234mm)	8.8" (223mm)	8 lbf (3.6 kg) min	Black	5,000	50,000	No
17150-0	3" Secur-A-Tach® Ecotach™ rPP Fastener	30%	Hand Applied	3.3" (84mm)	2.9" (73mm)	8 lbf (3.6 kg) min	Natural	5,000	50,000	No
17151-0	5" Secur-A-Tach® Ecotach™ rPP Fastener	30%	Hand Applied	5.3" (134mm)	4.9" (123mm)	8 lbf (3.6 kg) min	Natural	5,000	50,000	No
17152-0	7" Secur-A-Tach® Ecotach™ rPP Fastener	30%	Hand Applied	7.3" (184mm)	6.9" (173mm)	8 lbf (3.6 kg) min	Natural	5,000	50,000	No
17153-0	9" Secur-A-Tach® Ecotach™ rPP Fastener	30%	Hand Applied	9.2" (234mm)	8.8" (223mm)	8 lbf (3.6 kg) min	Natural	5,000	50,000	No

For more information on our fastener solutions, contact us:

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