

# Select Solutions™ Removables Portfolio

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A proven core of multipurpose products, featuring general purpose and application solution adhesives, that address a range of application needs from simple to complex

### **Portfolio Characteristics**

- More than 40 label constructions featuring nine adhesives that include technologies such as microsphere, solvent acrylic, emulsion acrylic and hot melt rubber
- Designed to perform in specific applications on various substrates, such as: plastic, glass, metal and paper

### **Applications**

- Household items
- Reclosure
- Furniture
- Consumer electronics
- Credit/Debit cards
- Newspaper and inventory management

# Paper



## Removable Adhesives for Paper Components

### General Purpose

**R5195** General purpose removable adhesive featuring moderate initial tack and minimal adhesion build over time. Its consistent level of adhesion and long-term removability make it suitable for applications on substrates such as glass and plastics. Proven successful for shelf and tote marking used in logistical tracking.

### Application Solution

**UR3** Ultra-removable microsphere adhesive, featuring a consistent level of adhesion, as well as long term removability and repositionability across a wide variety of substrates. Fasson® UR3 remains removable for months with peel and reseal characteristics that provide consistent, secure positioning and clean removability.

**LP1000** Ultra removable adhesive, featuring long-term, clean removability across wide variety of substrates. It offers economical solution for various opportunities. Designed to offer smooth peel and excellent die cutting and stripping characteristics. Particularly suited for applications like: retail information labels, inventory management or work-in-progress, point of sale promotions, newspapers, promotional labels, books, housewares, credit cards or glass.

**R423/R5423** Removable, low peel adhesive featuring long-term removability, and excellent die cutting and stripping characteristics. Particularly suited for wallpaper promotional labels, high gloss book covers and shelf marking. R5423 is an excellent solution for Monroney labels.

**R128** Removable rubber-based adhesive with high initial tack, internal strength and stable adhesion. R128 is recommended where clean removability is of primary importance. Adhesive can be used on a variety of substrates including glass, metal, plastic and others.

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# Paper

		Removable				
		UR3	LP1000	R423	R128	R5195
Adhesive Technology		Emulsion Acrylic (Microsphere)	Emulsion Acrylic	Emulsion Acrylic	Hot Melt Rubber	Emulsion Acrylic
Minimum Application Temperature, °F		20	10	10	10	40
Service Temperature Range, °F		-40 to 160	-40 to 160	-40 to 160	-65 to 120	-40 to 160
Food Contact		Indirect	Indirect	Indirect	Indirect	Indirect
Peel* (PE/Stainless)		.52/.40	.28/.37	.60/.52	.74/.55	.73/.91
Tack* (PE/Stainless)		.60/.93	.01/.42	.25/.53	1.0/1.3	1.1/1.4
Plastic	Polypropylene (PP)					
	Polyethylene - High Density (HDPE)					
	Polyethylene Terephthalate (PET)					
Glass	Polyethylene Coated					
	Window (annealed)					
	Automotive (tempered)					
Metal	Powder Coated (smooth PET)					
	Painted (alkyd enamel)					
	Stainless Steel					
Paper	Recycled Corrugated					
	Bond (uncoated)					
	Glossy (coated)					

Based on 6 week testing of practical removability rating and failure mode

\*Peel and tack are measured in lb./inch

Recommended - Test in actual application    Recommended - Tighter adhesion    Not Recommended

## Paper Products and Service Programs

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>R5195</b>				
18303	Fasson® Laser Copy™ Jet/R5195/45#LF	EXACT™/10000	FTW	Next Day
18327	Fasson® Trans-Therm®1C/R5195/40#CK	EXACT™/10000	FTW, DAL, SEA	Next Day
18328	Fasson® 60# Semi-Gloss Elite™/R5195/40#SCK	EXACT™/5000	FTW, QTN, PTC, NEE, WCT	Next Day
		EXACT™/10000	SEA	Next Day
18329	Fasson® 50# DSX™/R5195/50#CK	EXACT™/10000	FTW	Next Day
18444	Fasson® Matte Litho/R5195/40#SCK	EXACT™/2500	FTW	Next Day
18445	Fasson® 60# Cast Gloss/R5195/40#SCK	EXACT™/10000	FTW	Next Day
18558	Fasson® DT200GP/R5195/40#CK	EXACT™/10000	FTW, MTL	Next Day
		EXACT™/15000		
18559	Fasson® 60# Archival Semi-Gloss/R5195/40#LF	78/1668 Ready Width™ 13/10000	FTW	Next Day
18685	Fasson® DT200HD Plus/R5195/40#CK	EX- ACT™/5000/10000	FTW	Next Day
54116	Fasson® 54# Semi-Gloss FSC®/R5195/46#LF	EXACT™/15000	NEE	Next Day
<b>UR3</b>				
53421	Fasson® High Gloss Plus/UR3/40#SCK	EXACT™/5000	PVL	Next Day
53432	Fasson® Trans-Therm®/UR3/40#SCK	EXACT™/5000	PVL	Next Day
<b>LP1000</b>				
54148	Fasson® DT 200HD FSC/LP1000/40#SCK	EXACT™/5000	PVL	Next Day
54149	Fasson® 60# Semi-Gloss /LP1000/40#SCK	EXACT™/5000	PVL	Next Day
<b>R423/R5423</b>				
19714	Fasson® Semi-Gloss Elite™/R423/40#SCK	60/1668	PVL	Next Day
96546	Fasson® 60# Cast Gloss/R423/40#SCK	60/1668	PVL	Next Day
98203	Fasson® Trans-Therm® 1C/R423/40#SCK	60/1668	PVL	Next Day
18345	Fasson® Standard Laser-Rite™/Std R5423/50#MF	EXACT™/10000	FTW	Next Day
53763	Fasson® Durable Laser-Rite™ FSC®/ R5423/50#MF	EXACT™/5000	FTW	Next Day

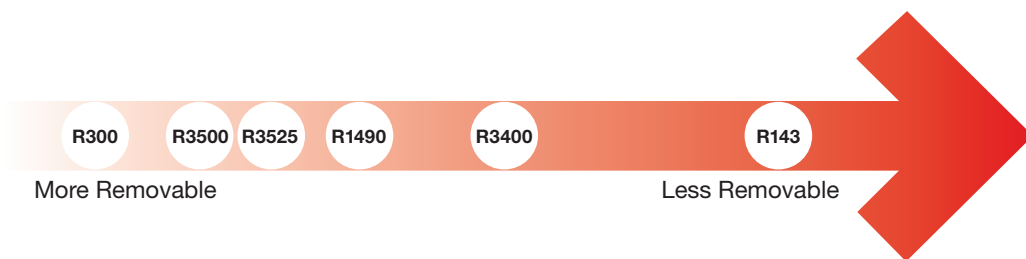
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## Paper Products and Service Programs

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>R128</b>				
01991	Fasson® 50# DSX™/R128/50#SCK	30/1500	PTC	4 Days
07607	Fasson® High Gloss Plus/R128/40#SCK	60/1550	PTC	Next Day
07719	Fasson® High Gloss Plus/R128/50#SCK	30/1550	PTC	4 Days
15931	Fasson® Semi-Gloss Elite™/R128/40#SCK	30/1500	PTC	4 Days
96088	Fasson® Trans-Therm® 1C/R128/40#SCK	30/1667	PTC	6 Days
96174	Fasson® Trans-Therm® 2C/R128/40#SCK	30/1500	PTC	4 Days
19342	Fasson® Trans-Therm® 1C FasCover™ 2/R128/40#SCK	30/1500	PTC	4 Days
13645	Fasson® FasPrism™ Iridescent/R128/40#SCK	30/1500	PTC	4 Days

DAL=Dallas, TX FTW=Fort Wayne, IN WCT=West Coast PVL=Painesville, OH PTC=Peachtree City, GA  
 QTN=Quakertown, PA SEA=Seattle, WA NEE=Neenah, WI

# Film



## Removable Adhesives for Film Components

### General Purpose

**R3500** Specially formulated acrylic adhesive designed for ease of removability from plastic packaging while maintaining good peel performance. Suitable for many general-purpose applications.

### Application Solution

**R143** Specially formulated acrylic removable adhesive with versatile performance properties. Specific applications include durables, electronics assembly labeling and reclosures.

**R1490** Specially formulated low odor acrylic adhesive with clean removability properties and a smooth, low noise peel. Smooth peel from flow-wraps, olefins and other plastics. Suitable for reclosure applications.

**R300** Ultra removable clear adhesive, suitable in applications requiring long-term removability. Particularly well suited for CD/DVD security labeling, oil change labels, housewares and glass.

**R3400** Removable adhesive featuring moderate initial tack and minimal adhesion build over time. It offers a consistent level of adhesion and long-term removability across a variety of substrates. An excellent choice for resealable packaging and multi-use labels. Suitable for wide range of substrates and applications.

**R3525** Specially formulated acrylic adhesive designed for ease of removability from plastic packaging while maintaining good peel performance. Suitable for many general-purpose applications.

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# Film

		Removable					
		R300	R3500	R3525	R3400	R1490	R143
Adhesive Technology		Emulsion Acrylic			Solvent Acrylic		
Minimum Application Temperature, °F		45	40	40	40	50	50
Service Temperature Range, °F		-40 to 176	0 to 200	0 to 200	-40 to 176	-40 to 250	-40 to 250
Food Contact		Indirect	Indirect	Indirect	Indirect	Direct	Pending
Peel* (PE/Stainless)		0.14/0.47	0.25/0.78	0.31/0.98	0.41/0.92	0.32/0.96	0.49/1.39
Tack* (PE/Stainless)		0.44/0.71	0.56/1.12	0.70/1.40	0.72/1.27	0.56/1.49	0.99/2.20
Plastic	Polypropylene (PP)						
	Polyethylene - High Density (HDPE)						
	Polyethylene terephthalate (PET)						
Glass	Polyethylene coated						
	Window (annealed)						
	Automotive (tempered)						
Metal	Powder coated (smooth PET)						
	Painted (alkyd enamel)						
	Stainless Steel						
Paper	Recycled Corrugated						
	Bond (uncoated)						
	Glossy (coated)						

Based on 6 week testing of practical removability rating and failure mode

\*Peel and tack are measured in lb./inch

Recommended - Test in actual application    Recommended - Tighter adhesion    Not Recommended

## Film Products and Service Programs

A list of our featured removable film constructions and service programs. Based on customer input and insight from Avery Dennison experts, the offering continues to evolve. If you are seeking a product that is not listed, please contact your sales or technical representative for information about our custom product development program - Engineered Solutions.

Spec#	Product Description	Width/Length (In./Ft.)	Location	Lead Time
<b>R3500</b>				
77461	Fasson® 2.3 Mil White BOPP TC/R3500/1.2 Mil PET	EXACT™/10000	NEE	Next Day
77462	Fasson® 2 Mil Clear BOPP TC/R3500/1.2 Mil PET	EXACT™/15000	NEE	Next Day
78148	Fasson® 2 Mil Clear BOPP TC/R3500/40#SCK	EXACT™/5000	NEE	Next Day
78149	Fasson® 2.3 Mil White BOPP TC/R3500/40#SCK	EXACT™/5000	PVL	Next Day
<b>R143</b>				
75394	Fasson® Primax® 350/R143/1.5 Mil PET	EXACT™/5000	PVL	Next Day
77967	Fasson® Primax® 350/R143/50#SCK ABC	EXACT™/5000	PVL	Next Day
78578	Fasson® 2 Mil Clear BOPP TC/R143/1.2 Mil PET	60/1000	PVL	Next Day
77652	Fasson® 2.3 Mil White BOPP TC/R143/1.2 Mil PET	54/2500	PVL	5 Days
<b>R1490</b>				
79008	Fasson® 2.3 Mil White BOPP TC/R1490/1.2 Mil PET	60/1000	PVL	7 Days
<b>R300</b>				
75150	Fasson® 2 Mil Clear BOPP TC/R300/1 Mil PET	60/1668	PVL	Next Day
77563	Fasson® 2.6 Mil White BOPP TC/R300/40#BG	EXACT™/5000	PVL	Next Day
<b>R3400</b>				
78201	Fasson® 2 Mil Clear BOPP TC/R3400/40#BG	60/1668	PVL	Next Day
78632	Fasson® 2.3 Mil White BOPP TC/R3400/1.2 Mil PET	60/1668	PVL	Next Day
78860	Fasson® 2 Mil Clear BOPP TC/R3400/1 Mil PET	60/1668	PVL	Next Day
<b>R3525</b>				
79625	Fasson® 2 Mil CL BOPP TC/R3525/1.2 Mil PET	60/1668	PVL	4 Days

PVL=Painesville, OH NEE=Neenah, WI