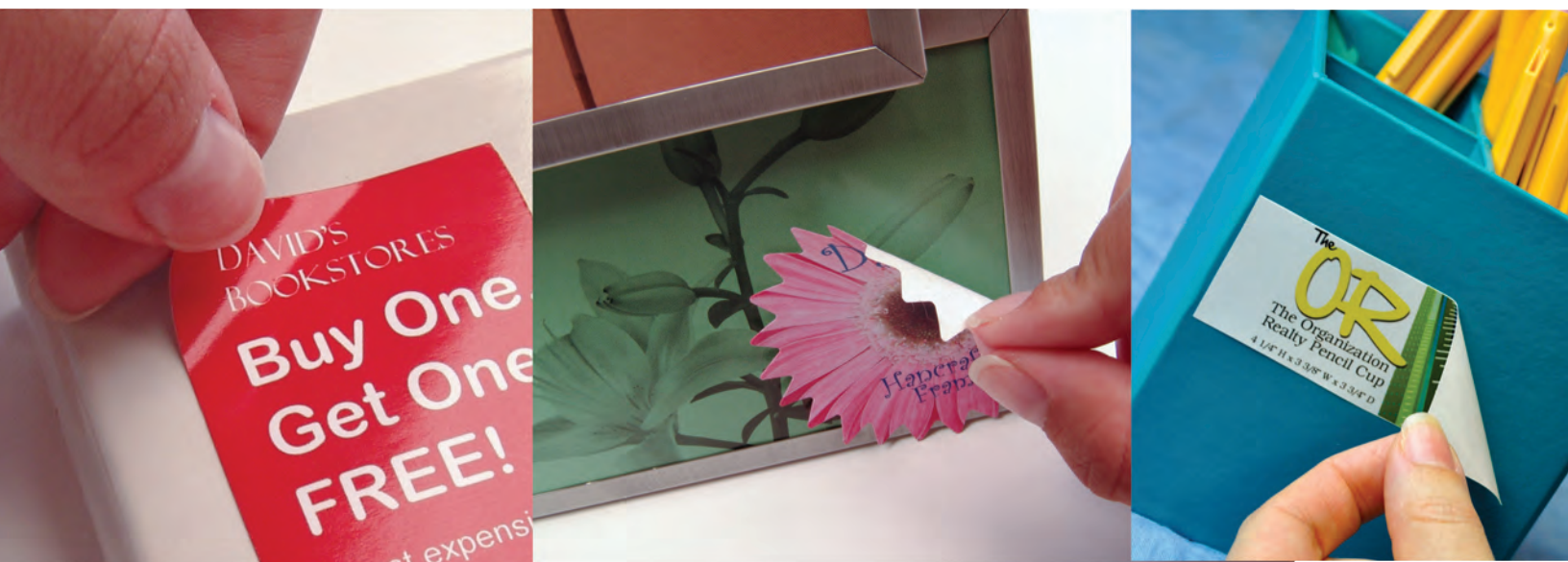


MR840 & MR860 Removable Label Stocks

Removable Adhesives *to Fit Your Application Needs*



Just because you apply a label to a surface doesn't mean you want it there forever. Mactac® understands this, and as a result has introduced two new adhesives to our removable label product offering: MR840 and MR860. Competitively priced, these two adhesives feature consistent product performance, long-term removability across a large variety of substrates, cleaner converting than most removables, and an application temperature as low as 25 degrees Fahrenheit—all while offering removability characteristics to fit varied application needs.



mactac® 
technology that sticks

MR840 & MR860 Applications

Always test end-use applications, to determine the best adhesive choice.



Point-of-Sale:

- Pricing and promotion of retail products such as plastic food and storage containers, premium alcohol and candy packaging, book covers, mirrors, housewares, perfumes, office supplies, software and toys
- Special limited time offers, sales, cross promotions
- Energy labels on appliances

Information Processing:

- Business and medical form labels
- In-process temporary bar code labels in manufacturing and warehousing



Specialty Applications:

- Scrapbooking, crafts and kiddie stickers
- New and replacement windows
- Complimentary/promotional giveaways.
- Credit, debit and ID cards
- Sports promo stickers

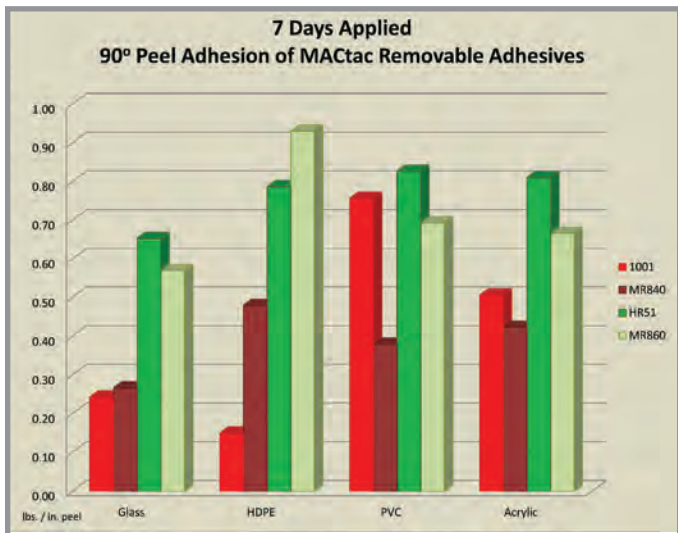
MR840: For When You Need a Clean Break

Mactac's MR840 removable adhesive is an ultra-removable, acrylic emulsion adhesive characterized by good adhesion and clean removal from most substrates. Ideal for applications where easy removability is essential, MR840 ensures that no residue is left behind once a label is stripped away. MR840 is compatible with a wide range of facestocks.

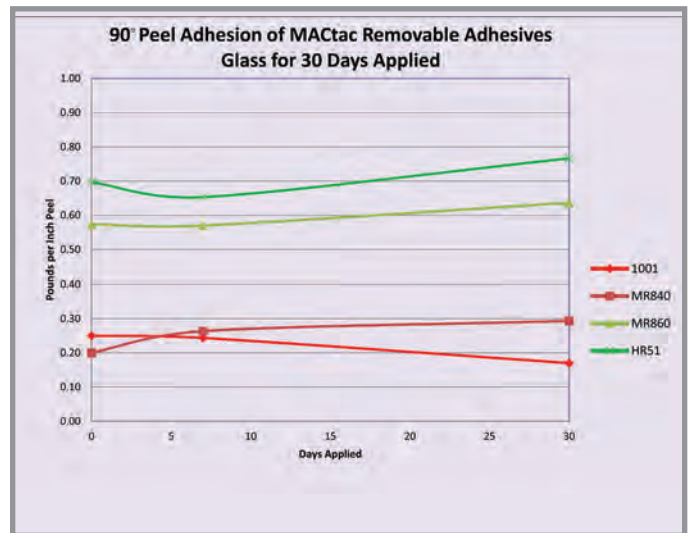
MR860: For When Longevity is Key

Mactac's MR860 is a general-purpose, medium-tack, acrylic emulsion adhesive with excellent long-term removability from a wide variety of surfaces. The workhorse of any product line, MR860 offers very consistent long-term removability and is available in a number of product constructions. MR860 has been rigorously tested, and is compliant with the following regulations:

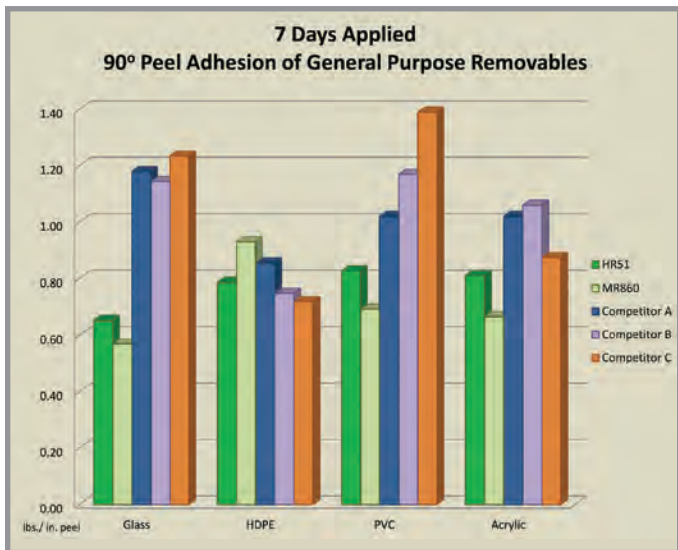
- PAT - Photographic Activity Test - ISO18916
- LHAMA - Labeling of Hazardous Art Materials Act (CFR) Title 16 (CPSC) Part 1500.14(b)(8) - ASTM D4236
- TRA - Toxicological Risk Assessment - 16 CFR 1500.3 (b)(5), (7)-(9) FHSA & C.R.C., c.931 sec. (10)&(11)
- FDA 21 CFR 175.105
- Compliant with Hasbro and Toy Safety



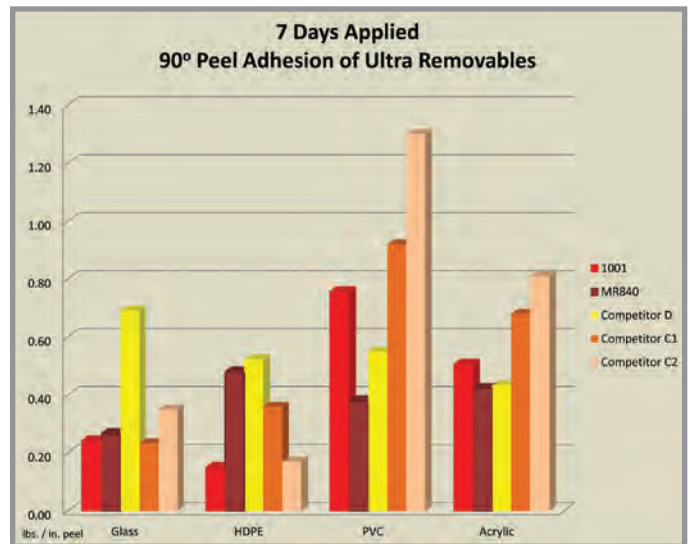
The chart above compares 90 degree peel-adhesion of current Mactac removable adhesives, 1001 and HR51, to our newest Mactac Removable adhesives, MR840 and MR860, applied and removed after seven days. Knowing your end-use application will help in selecting the Mactac Removable that is right for you.



The chart above compares 90 degree peel-adhesion of new and current Mactac removable adhesives' performance over the course of 30 days. MR840 and MR860 deliver consistent peel whether removal happens immediately or after a month of adhesion.



The chart above compares Mactac's two general purpose removables, HR51 and MR860, to three competitor products. With removable adhesive the lower the peel value, the simpler it is to remove the label. With this in mind, it's easy to see that Mactac general purpose removables consistently outmatch the competition.



The chart above compares Mactac's two ultra-removable adhesives, 1001 and MR840, to three competitor products. With removable adhesive, the lower the peel value, the simpler it is to remove the label. With this in mind, it's easy to see that Mactac ultra-removable adhesives consistently outmatch the competition.

MR840 & MR860 Removable Adhesives

Product Number	Product	Adhesive	Liner Caliper	Web Width	Precise Programs	Print Method
MR840 ULTRA REMOVABLE - Not considered Repositionable						
CHG8402	60# Cast high gloss facestock with an ultra removable adhesive and a 2.45 semi-bleached calendared kraft liner. Demonstrates long term, clean removability across a wide variety of substrates.	MR840	2.45 Kraft	78	Custom	Flexo, Offset
AC8402	60# bright white semi-gloss coated litho with an ultra removable adhesive and a 2.45 semi-bleached calendared kraft liner. Demonstrates long term, clean removability across a wide variety of substrates.	MR840	2.45 Kraft	78	P5	Flexo, Offset
AP8402	60# bright white matte-coated litho with an ultra removable adhesive and a 2.45 semi-bleached calendared kraft liner. Demonstrates long term, clean removability across a wide variety of substrates.	MR840	2.45 Kraft	78	Custom	Flexo, Offset
LAS8412	50# bright white uncoated facestock specially engineered for toner fusion. Bright whiteness, excellent opacity and first read scan rates. With an ultra removable adhesive and a 3.2 layflat liner. Roll to Sheet applications.	MR840	3.2 Kraft-LF	78	Custom	Laser, Ink Jet, Impact, Flexo
TT8402	Premium thermal transfer paper with an ultra removable adhesive and a 2.45 semi-bleached calendared kraft liner. Demonstrates long term, clean removability across a wide variety of substrates.	MR840	2.45 Kraft	78		Thermal Transfer, Flexo
MR860 GENERAL PURPOSE REMOVABLE						
AC8602	60# bright white semi-gloss coated litho with a general purpose removable adhesive and a 2.45 semi-bleached calendared kraft liner.	MR860	2.45 Kraft	78	P5, P10	Flexo, Offset
AC8612LF	60# bright white semi-gloss coated litho with a removable adhesive and a 3.2 semi-bleached calendared kraft liner. Roll to Sheet applications.	MR860	3.2 Kraft-LF	78		Laser, Flexo, Offset
AP8602	60# bright white matte-coated litho with a general purpose removable adhesive and a 2.45 semi-bleached calendared kraft liner.	MR860	2.45 Kraft	78	Custom	Flexo, Offset
DTM8602	A medium sensitivity bright white direct thermal paper topcoated for optimum environmental resistance with a general purpose removable adhesive and a 2.45 semi-bleached calendared kraft liner. Optimal wavelength range under 660nm.	MR860	2.45 Kraft	78	P5	Direct Thermal, Flexo
EDX8612	50# bright white uncoated smudgeproof facestock with a general purpose removable adhesive and a 3.2 mil semi-bleached calendared kraft liner.	MR860	3.2 Kraft	78	P10	Impact, Flexo
LAS8612	50# bright white uncoated facestock specially engineered for toner fusion. Bright whiteness, excellent opacity and first read scan rates. With a general purpose removable adhesive and a 3.2 layflat liner. Roll to Sheet applications.	MR860	3.2 Kraft-LF	78	P10	Laser, Ink Jet, Impact, Flexo
NS8612	60# high strength, white semi-gloss designed for quality printing and toner fusion print capabilities. With a general purpose removable adhesive and a 3.2 layflat liner. Roll to Sheet applications.	MR860	3.2 Kraft-LF	78		Laser, Flexo, Offset
TN8602	3 mil bright white BOPP film with a general purpose removable adhesive and a 2.45 semi-bleached calendar kraft liner.	MR860	2.45 Kraft	78		Thermal Transfer, Flexo
TT8602	Premium thermal transfer paper with a general purpose removable adhesive and a 2.45 semi-bleached calendared kraft liner.	MR860	2.45 Kraft	78	P10	Thermal Transfer, Flexo

A recognized leader in adhesive manufacturing, Mactac ensures that you can afford the right removable for your application. Whether you need to meet strict regulatory demands for a long-lasting removable adhesive or simply need a label that won't leave a mark under any circumstance, Mactac has a removable solution to meet your needs.

For more information on Mactac Removable MR840 or MR860, the new removable label product line or other high-quality products available from Mactac Roll Label, call 800.255.9733, email Mactac.Americas@mactac.com or visit www.mactac.com/rolllabel.



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