

September 2019



MR840 & MR860

Removable Adhesives

Removable Label Stocks to Fit Your Application Needs



Roll Label

PSA-coated papers and films in roll-to-roll form. Extensive product options, available customization, varying roll lengths and widths, and customer friendly services, like our Mactac PreciseSM Program, which offers next-day shipping on a precise amount of material needed for small runs and limited applications.

www.mactac.com/rolllabel

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 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.

MR840 & MR860

Removable Adhesives

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

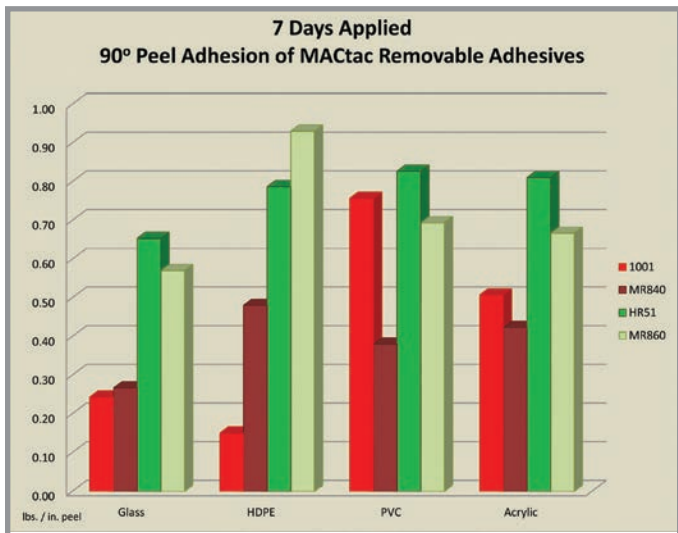
MR840: For When You Need a Clean Break

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.

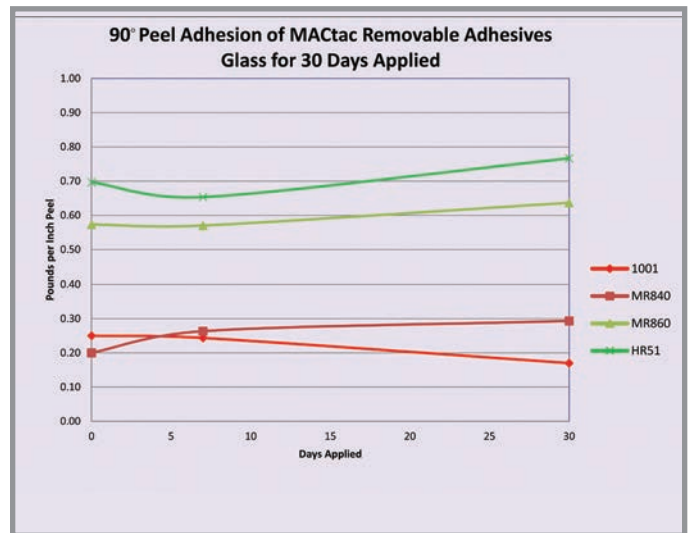
MR860: For When Longevity is Key

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:

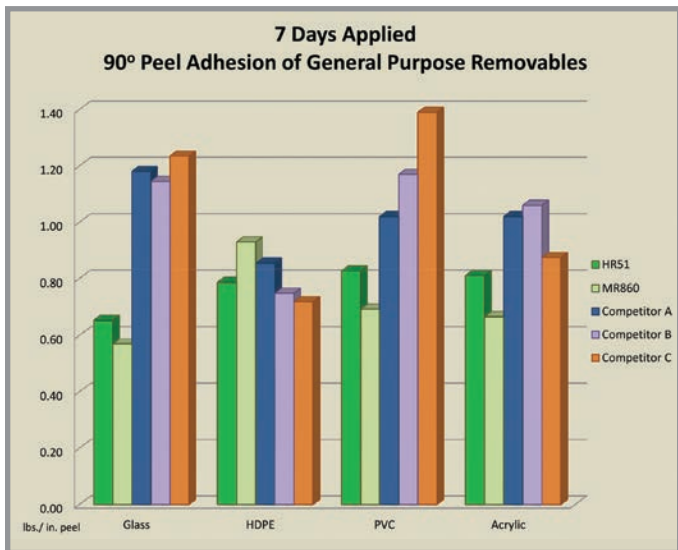
- PAT - Photographic Activity Test – ISO18916
- LHAMA – Labeling of Hazardous Art Materials Act (CFR) Title 16 (CPSC) Part 1500.14(b)(8) – ASTM D4236
- TRA – Toxicological Risk Assessment – 16 CFR 1500.3 (b)(5), (7)-(9) FHSA & C.R.C., c.931 sec. (10)&(11)
- FDA 21 CFR 175.105
- Compliant with Hasbro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



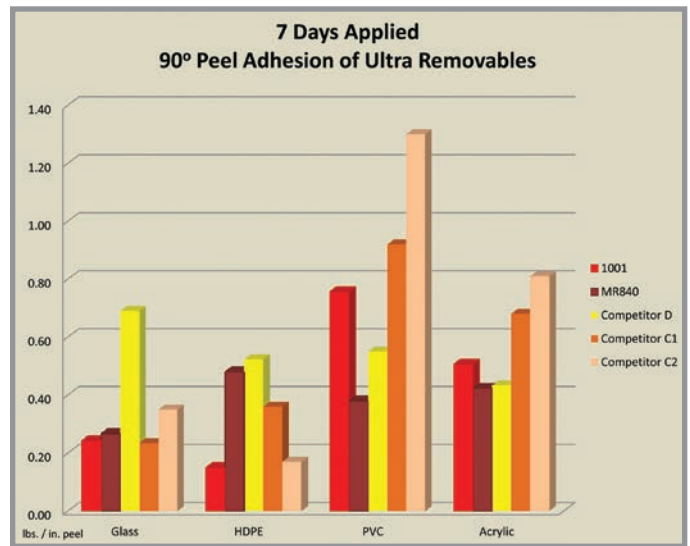
The chart above compares 90 degree peel-adhesion of current Mactac removable adhesives, 1001 and HR51, to our newest Mactac Removable adhesives, MR840 and MR860, applied and removed after seven days. Knowing your end-use application will help in selecting the Mactac Removable that is right for you.



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 - <i>Not considered Repositionable</i> | | | | | | |
| 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 | Custom | 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 |
| EDP8612 | 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 |
| TL8602 | A 3.0 mil matte top coated white polypropylene with 2.45 super calendared kraft liner. Specially treated for thermal transfer printing. Great for short term outdoor label needs. Good pre-print graphics. | MR860 | 2.45 SCK | 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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