DO THE JOB RIGHT.

ElastiWrap™ PRODUCT INFORMATION SHEET #15049ZPQ

PRODUCT TECHNOLOGY

EASTWOOD'S ElastiWrap is a unique strippable rubberized coating that can be easily applied over most substrates and can remain in place indefinitely or be removed by simply peeling it off.

- ElastiWrap's high-build formula requires fewer coats and removes easier than similar products
- Easy to apply; use a roller, brush, electric turbine sprayer or HVLP paint gun
- Corrosion, UV, scratch and abrasion resistant
- Stable in extreme temperatures up to 350°F
- Mix ElastiWrap primary colors to create endless varieties and custom shades

SAFETY

This product was designed for and is intended solely for use by trained professionals. Read all warning statements and heed all recommended safety precautions before proceeding.

DO NOT USE THIS SYSTEM WITHOUT SUFFICIENT VENTILATION.
Users must wear appropriate, properly fitted NIOSH-approved activated charcoal cartridge respirator if a forced fresh-air system is not available. Always wear eye and face protection, as well as gloves and protective clothing. Do not use this product, or be exposed to spray mist / vapors if you have respiratory problems.

KEEP OUT OF REACH OF CHILDREN AND PETS.

SURFACE PREPARATIONS

Before applying ElastiWrap, ensure surface is thoroughly prepped. This is essential for proper adhesion and easy removability in the future.

Start by washing the surface with soap and water, then dry completely. Next, apply Eastwood's ElastiWrap Surface Prep (#14933Z), working only one panel at a time. Apply the Surface Prep directly to the surface, or spray it onto a rag and wipe it on. Either way, be sure to use a different clean, dry rag or lint-free towel to wipe it off. This helps to lift and remove any remaining grease, oil or other contaminants, while applying a thin layer of wax over the surface so that ElastiWrap will stick when you want it to stick and strip when you want it to strip.

In areas with excessive grease, oil and grime, use Eastwood's PRE Painting Prep (#10041Z) in the same wipe on, wipe off method, then reapply ElastiWrap Surface Prep.

Just as you would if spraying the vehicle with automotive paint, ensure all surfaces are clean, dry and free of dust or other contaminants before applying Elastiwrap. Use a tack rag or a blow gun to keep the surface clean between coats.

NOTE: ElastiWrap DOES NOT REMOVE EASILY FROM SURFACES WITH FLAKING OR OTHERWISE DAMAGED CLEARCOATS.

If unsure about ElastiWrap's ability to peel easily, test an inconspicuous panel for adhesion and removability.

MASKING

ElastiWrap may be sprayed directly over window glass, headlight lenses, trim pieces and other parts that would typically be masked off, but note that a full film must be applied over these areas or it will be difficult to remove. Again, be aware that thin films and rough overspray do not peel easily.

It may be difficult to remove ElastiWrap from rubber seals and window channel felts. It is often easier to mask those areas than it is to peel off the ElastiWrap. If the ElastiWrap is only intended for a short-term coating and/or you do not plan on spraying the jambs, use foam tape designed for making soft edges, or back mask with automotive-grade refinish tape, to prevent overspray from getting into the gap areas behind/under doors, the trunk lid, gas cover, hood, etc.

Don't forget to place masking paper behind the grill, vented fascia or any other open inserts.

Use tape or rubber plugs to fill or cover recesses such as license plate mounts, antenna grommets, tire lug barrels and tire valves.

Unless coating with the same color ElastiWrap as the rest of the vehicle, bag the wheels and back-tape up around the fender arch to prevent overspray from coating the wheel wells.

If applying ElastiWrap to wheels without removing them from the vehicle, be sure to tape over the lug nuts and drape plastic sheeting or masking paper over the entire fender and any other nearby body parts to prevent overspray from landing there. To mask behind the spokes, bunch up an ample amount of plastic sheeting, or just use a regular household garbage bag (cut a slit half-way down through the middle of the bag for better coverage all the way around), thread it back between two spokes, then spread it out to protect calipers, discs and other brake parts.

AEROSOL APPLICATION

Shake can thoroughly. Holding can 8-10 inches away from the surface, apply in even, side to side coats, allowing at least 10-15 minutes between each coat. Continue applying, even after the surface is fully covered and opaque. At least 5-6 coats should be applied. For optimal results, wait at least several hours (at 70°F and 50% humidity) for ElastiWrap to fully dry. Wait at least several days before washing or heavy handling.

OTHER APPLICATIONS

Shake can thoroughly, then open and stir contents to ensure material is uniform throughout. No mixing or reduction is required. ElastiWrap is ready for use as packaged. If thinning is required, most conventional solvents will not work. Use only Mineral Spirits, but be aware that doing so will alter the coating's VOC, which may render it non-compliant for use in some areas.

SPRAY APPLICATION

For best results, ElastiWrap should be sprayed onto vehicles. Spraying allows the coating to build up in a thicker, more consistent film, and requires less time to dry. Eastwood's Electric Turbine Paint System (#14878) was designed specifically for spraying ElastiWrap. A standard HVLP system, such as Eastwood's Concourse (#51550) or Evolution (#12776) spray gun, preferably with a 1.4 mm – 1.8 mm nozzle, is also suitable.

Spray one light coat, then allow a full 15-20 minutes for flash time (even longer, if conditions necessitate). For standard-sized sedans and smaller vehicles, this first coat should only take about one quart. Don't worry about coverage just yet. You should still be able to see through the film.

Once the first coat is completely dry to the touch, spray a medium coat and wait another 15-20 minutes. This two-coat foundation should be allowed to fully flow out and level itself smooth before any additional coats are applied. Be sure to clean out spray equipment with mineral spirits at this point – and between each additional coat – to prevent ElastiWrap from drying and building up. Use a clean rag to wipe down the horns and the inside of the air cap every few minutes, especially when spraying in warm conditions. Build up on these parts can impede the gun's ability to put out an even spray pattern.

With a standard HVLP spray gun setup, it is not unusual for ElastiWrap to build up inside the fluid passages after several coats. One way to clear this blockage with a full cup of ElastiWrap loaded on the gun is to place a rag over the air cap and lightly pull the trigger to "burp" the gun, though it is best to keep this practice to a minimum to avoid putting extra stress on internal seals, and only should be done with the pressure release valve on top of the cup open.

Though full coverage may be achieved with just one more coat, it is critical to apply at least three additional coats after the two-coat foundation has dried smooth. For optimal strippability, spray a minimum of five total coats of ElastiWrap (at least six if using a standard HVLP spray gun). These next few should be fuller, wetter coats. Allow at least 10-15 minutes for each coat to flash (longer in colder conditions) before applying the next. A total dry film thickness of 3-5 mils is recommended.

If masking tape was used to make any hard lines, it is best to pull the tape while ElastiWrap is still wet. If coating has already started drying, carefully use a razor blade to cut along the edge to prevent ElastiWrap from coming off with the tape. Wait several hours before peeling ElastiWrap off of unmasked areas (headlight/taillight lenses, windows, trim pieces, etc) for improved removability. Briskly rub a microfiber towel back and forth over any overspray or areas where the film is too thin to peel off.

It is normal for metallic colors to leave a trace of aluminum flake on the surface after ElastiWrap is peeled. This thin film removes easily with mineral spirits on a rag. Be careful not to let any solvent drip onto the ElastiWrap surface or it may soften the film.

Vehicle may be put into service as soon as the final coat has flashed off and all masking has been removed. For best results, wait at least several hours (at 70°F) for the coating to fully dry. Wait at least several days before washing or heavy handling.

BRUSH/ROLLER APPLICATION

For small pieces, or non-moveable items, it may be easier to apply ElastiWrap either by brush or roller. Keep in mind, ElastiWrap is packaged ready for use in a spray application, which means it will be pretty thin for these alternate application methods. Take care not to over apply to avoid runs.

Apply as many coats as needed until desired thickness is achieved, allowing each coat to thoroughly dry before applying the next. A total dry film thickness of 3-5 mils is recommended.

Clean brushes and other equipment with Mineral Spirits.

Allow the coating to dry overnight (longer in temperatures below 70°F). Wait at least several days before washing or heavy handling.

MIXING COLORS

Visit **www.ElastiWrap.com** for a basic intermix guide showing examples of some of the thousands of colors that are made possible by mixing two or more ElastiWrap colors. Note; these photos are approximate representations and are not intended to be used as approved color standards. Always test your mixed Elastiwrap before applying it to a vehicle. Even slight variances in measurement can change the shade or tone of a mixed color. ElastiWrap intermix guides are based on volumetric measurements and stated in even parts so they may be easily scaled to whatever amount is needed for a specific job.
Example: Wedgewood Blue = 3 parts White Lightning: 1 part Fast Back Blue.

To make 1 gallon:	Mix 3 quarts (96 fl. oz) White Lightning with 1 quart (32 fl. oz.) Fast Back Blue
To make 2 gallons:	Mix 1.5 gallons (192 fl. oz) White Lightning with 2 quarts (64 fl. oz.) Fast Back Blue
To make 3 gallons:	Mix 2.25 gallons (288 fl. oz.) White Lightning with 3 quarts (96 fl. oz.) Fast Back Blue
To make 4 gallons:	Mix 3 gallons (384 fl. oz.) White Lightning with 1 gallon (128 fl. oz.) Fast Back Blue

The use of a graduated painter's mixing cup is highly recommended.

Always plan ahead and mix materials to achieve your desired color before applying. It's always better to have too much of a custom color mixed than to run short in the middle of the job and have to mix a second batch.

USAGE GUIDE

This is an approximate usage guide. Actual quantities may differ slightly based on film thickness, conditions during application and application methods. Remember, for easy removability, a total dry film thickness of 3-5 mils is recommended.

Motorcycle (tank and fairings)	1 - 2 quarts
Small/Compact passenger vehicle (Honda Civic, Audi TT)	2-1/2 gallons
Full-Sized Passenger Vehicle (Chrysler 300, Ford Taurus)	3 gallons
Small SUV/Pickup Truck (Jeep Compass, Toyota Tacoma)	4 gallons
Large SUV/Pickup Truck (Nissan Armada, Chevy Silverado)	4 - 5 gallons

CARING FOR ELASTIWRAP

Wait until ElastiWrap has dried for several days before washing or heavy handling (longer if average day time temps are below 70°F). Regular washing helps keep ElastiWrap looking clean and extends the life of the film. Because the coating is soft and rubbery, it "grabs" dirt and road grime, which become harder to remove the longer they sit on the film. Wash with warm soapy water and a soft microfiber cloth or glove. Pat dry with a towel or chamois. Do not wax or polish. Use of a low-gloss dressing or a cleaner designed specifically for soft/flat finishes will help protect ElastiWrap. Take care when filling the vehicle with gasoline. Any petroleum product that drips onto the surface could soften the film. If left in contact, gasoline and other chemicals will dissolve Elastiwrap.

REPAIRING ELASTIWRAP

Thanks to its flexible nature, ElastiWrap is very easy to repair. Although the pliable film resists chips, tears and gouges, it is possible that these or other small surface defects may occur over time. To repair, carefully mask off the area surrounding the imperfection. Use a razor blade to trim any jagged or loose-hanging film, then with a rag or gloved finger dipped in mineral spirits, rub the area to eliminate any hard edges. Be careful not to use too much solvent, or to let it drip onto the rest of the panel because it will soften and damage the film. Pat the area dry with a clean rag, then spray a light coat over the immediate repair area. Give it plenty of time to flash, then follow with a second coat that extends past the edge of the repair area by an inch or two in all directions. Continue spraying to build up a sufficient film, extending the spray pattern with each coat further into the adjacent area until the repair is blended in and no longer visible. Take care when removing masking, as tape may pull ElastiWrap off the surface. Use a sharp razor to cut any freshly-applied ElastiWrap away from masking materials.

REMOVING ELASTIWRAP

When the time comes to peel off your ElastiWrap, the process is simple. Use a fingernail to gouge the film, or just start rolling the coating away from a panel edge and start to peel, working sideways until there's enough loose material to grab a hold of, then begin pulling away from the spot where you started. Note: Not all colors feature the same elasticity. Crimson Ride, for example, tends to stretch less than other colors, so it usually peels off in smaller pieces. All colors will be more brittle and have less elasticity at colder temperatures. If film is tearing apart during the peeling process, try again when the air temperature and the vehicle are warmer.

If no masking was used during application, you will want to carefully clean out door jambs and panel gaps after stripping the ElastiWrap. For thin films and overspray, a rag or gloved finger soaked in Mineral Spirits will help soften and dissolve the film. Anywhere a sufficient film thickness was built up, you should be able to peel away the remnants of ElastiWrap. A wood or plastic tooth pick will come in handy during the removal process, as will toothbrushes, larger soft-bristled brushes, plastic detailing tools, etc.

If you have any questions about the use of this product, please contact
The Eastwood Technical Assistance Service Department: 800.544.5118 >> email: techelp@eastwood.com
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