

RUBBERMAX™ NEOPRENE BONDING LAYER

RM Biltrite™ RubberMax™ Neoprene Bonding Layer is used for a variety of purposes in the mining and aggregate industries. It can be securely applied to all types of polymer-based rubber sheets, including RM Biltrite™ mining rubber sheets and RM Biltrite™ pulley lagging rubber sheets. Neoprene rubber has inherently excellent metal adhesion qualities. It is usually applied in a thin layer onto the back side of metal-lining rubber sheets in order to create a firm connection. Optional neoprene bonding layers are available on all RM Biltrite™ mining rubber products upon request.

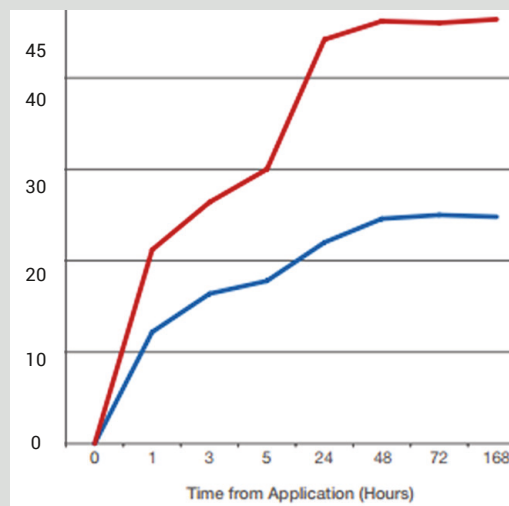


TECHNICAL SPECIFICATIONS

Item ID		Neoprene Bonding Layer
Hardness ASTM D2240 (± 5)	Shore A	40
Temperature Range	°F	-40 - +248
	°C	-40 - +120
Specific Gravity ASTM D297	g/cm ³	1.40
Color		Grey

ADHESION DIRECTIONS

- Thoroughly clean & dry surface from oil, paint, and other contaminants.
- If applying to metal surface, clean first with solvent
- After surface is prepared, apply metal primer
- Allow primer to dry completely for at least 1 hour, depending on atmospheric conditions
- Cut 5 test pieces 11.8" x 1.18" (300mm by 30mm) from rubber sample. Condition pieces at room temperature for 24 hours.
- Prepare glue mixture by using an adhesive to hardener ratio of 3.5 oz to 0.18 oz (100gm to 5gm)
- Coat rubber test strips with glue on the bonding layer side and on the metal plate. Allow to dry for 15 minutes
- Mount rubber test strips onto the glued metal plate and press together
- Check bonding strength by pulling rubber strips by hand



Cold Vulcanized Lagging Adhesion

- SBR/NR lagging without bonding layer
- SBR/NBR lagging plus buffed CN bonding layer

Typical Physical Properties: Per ASTM D300, Section 7.1, Buyer agrees that when standard test specimens are cut from finished parts in accordance with Practice D3183, a deviation to the extent of 10% on tensile strength and elongation values is permissible. All of our thermoplastic products are a proprietary blend of plastics and other components. In any application, the customer should evaluate the performance requirements and conditions that will affect the working life of the thermoplastic product. Where appropriate, field tests may need to be performed before the type of thermoplastic is selected. If the customer's quality assurance includes the testing of thermoplastic materials, the test criteria should specify the physical property of the ASTM specification that is most critical to its application. Polymer type alone may not be adequate for the selection of the thermoplastic that is best suited for a specific application. Buyer acknowledges the use of its own knowledge, expertise, skill, experience and judgment in the selection of product(s) and/or in the selection, provision, or designation of any specifications or set of specifications for a product(s) agreed upon by the Buyer and Seller. Buyer acknowledges that Seller shall not be liable for, and Buyer assumes all risk of, inaccurate or unsuitable specifications or information provided, selected or designed by the Buyer. RM BILTRITE™ LLC MAKES NO REPRESENTATIONS OR WARRANTIES WITH RESPECT TO THE SUITABILITY OF MATERIALS FOR A PARTICULAR PURPOSE. BUYERS AND USERS MUST DETERMINE THE SAFETY AND SUITABILITY OF RM BILTRITE™ LLC'S PRODUCTS FOR THEIR OWN PURPOSES, AND ASSUME ALL RISK, RESPONSIBILITY, AND LIABILITY FOR ALL INJURIES, LOSSES, OR DAMAGES ARISING FROM THE APPLICATION OF THE INFORMATION OR USE OF RM BILTRITE™ LLC'S PRODUCTS, WHETHER OR NOT CAUSED BY RM BILTRITE™ LLC'S NEGLIGENCE OR BASED ON STRICT PRODUCT LIABILITY. Terms and conditions are available upon request.