

# RUBBERMAX™ COMBI SANDWICH RUBBER

RM Biltrite™ Rubbermax™ Combi Rubber is a multi-layer rubber sheet designed specifically for the mining and quarry industries. The top and bottom layers have high resistance to abrasion and cuts in order to withstand handling rough mining materials. The interior layer provides extra support and increased glide while moving materials. Great for weathering sharp, heavy, and coarse particles. Combi rubber can be made with custom technical specifications for customers.

## FEATURES:

- High dry abrasion resistance
- High heavy impact resistance
- Excellent cut properties
- Excellent gouge properties



RubberMax™

## TECHNICAL SPECIFICATIONS

| Name                          |  | RubberMax™ Combi 200 | RubberMax™ Combi 300 |
|-------------------------------|--|----------------------|----------------------|
| Item ID                       |  | M5000                | M5100                |
| Hardness<br>ASTM D2240        | Shore A<br>(± 5)                       | 60-45-60             | 75-50-75             |
|                               | Tensile Strength<br>ASTM D412<br>(min) | 1636-2134-1636       | 853-1138-853         |
| Elongation<br>ASTM D412       | psi                                    | 11-15-11             | 6-8-6                |
|                               | MPa                                    | 500                  | 200-400-200          |
| Tear<br>ASTM D624             | %                                      | 168                  | 112-168-112          |
|                               | lb/in                                  | 30                   | 20-30-20             |
| Abrasion<br>ASTM D5963        | kg/cm                                  | 120                  | 180-200-180          |
|                               | mm <sup>3</sup><br>(min)               | 1.15                 | 1.25-1.20-1.25       |
| Specific Gravity<br>ASTM D297 | g/cm <sup>3</sup>                      | -                    | -                    |
| Resilience                    | % (max)                                | -                    | -                    |
| Modulus                       | psi                                    | -                    | -                    |
|                               | MPa                                    | -                    | -                    |
| Temperature<br>Range          | °F                                     | -40 - +167           | -40 - +167           |
|                               | °C                                     | -40 - +75            | -40 - +75            |
| Color                         |  | Black-Red-Black      | Black-Red-Black      |

## ROLL DIMENSIONS

| Units  | Widths   | Thicknesses |         |         |         | Lengths |
|--------|----------|-------------|---------|---------|---------|---------|
| U.S.   | 48"      | 0.6"        | 0.8"    | 1"      | 1.2"    | 33'     |
| Metric | 121.9 cm | 15.2 mm     | 20.3 mm | 25.4 mm | 30.5 mm | 10.1 m  |

Custom sizes available upon request

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 customers' 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 products(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.