

## Red Rubber Sheeting

High abrasion resistant sheet, made from premium quality dry Natural Rubber with outstanding resistance to cut, tear and abrasion. Used for anti abrasion rubber linings for material handling equipment in mines and other industries. Ideal for materials handling industries to custom fabrications, delivering optimum performance and reliability.

### TECHNICAL SPECIFICATION - High Abrasion 400

| PROPERTIES                                  | TEST METHOD        | VALUES                 |                        |
|---|--------------------|------------------------|------------------------|
|   |                    | FPS UNITS              | METRIC UNITS           |
| DENSITY                                     | ASTM D297          | 0.98lb/ft <sup>3</sup> | 0.98 g/cm <sup>3</sup> |
| HARDNESS                                    | ASTM D2240         | 38 ± 5 Sh A            | 38 ± 5 Sh A            |
| TENSILE STRENGTH (min)                      | ASTM D412          | 3415 PSI               | 240 kg/cm <sup>2</sup> |
| ELONGATION AT BREAK (min)                   | ASTM D412          | 650%                   | 650%                   |
| ABRASION RESISTANCE (max)                   | ASTM D5963         | 80 mm <sup>3</sup>     | 80 mm <sup>3</sup>     |
| COMPRESSION SET (70°C/24 hrs/25% set) (max) | ASTM D395 METHOD B | 15%                    | 15%                    |
| TEAR RESISTANCE (Angular) min               | ASTM D624          | 224 lbs/inch           | 40 kg/cm               |
| RESILIENCE                                  |                    | 75%                    | 75%                    |
| <b>CHANGE IN PROPERTIES</b>                 |                    |                        |                        |
| HEAT AGING (72 hrs at 70°C)                 | ASTM D573          |                        |                        |
| - HARDNESS (Pts)                            |                    | +3 (max)               | +3 (max)               |
| - TENSILE STRENGTH (%)                      |                    | +10 /-15               | +10 /-15               |
| - ELONGATION AT BREAK (%)                   |                    | +10 /-15               | +10 /-15               |
| VOLUME SWELL: AT 70°C FOR 72 HRS/IN         | ASTM D471          |                        |                        |
| ASTM OIL NO.1                               |                    | NOT RECOMMENDED        | NOT RECOMMENDED        |
| ASTM OIL NO.2                               |                    | NOT RECOMMENDED        | NOT RECOMMENDED        |
| ASTM OIL NO.3                               |                    | NOT RECOMMENDED        | NOT RECOMMENDED        |
| <b>CHEMICAL RESISTANCE</b>                  |                    |                        |                        |
| - OZONE                                     | ASTM D1149         | FAIR                   | FAIR                   |
| - DILUTE ACIDS AND BASES                    |                    | GOOD                   | GOOD                   |
| - CONCENTRATED ACIDS AND BASES              |                    | NOT RECOMMENDED        | NOT RECOMMENDED        |
| - OILS                                      |                    | NOT RECOMMENDED        | NOT RECOMMENDED        |
| - SOLVENTS                                  |                    | NOT RECOMMENDED        | NOT RECOMMENDED        |
| TEMPERATURE RANGE                           |                    | -40° to +70° C         | -40° to +70° C         |
| COLOUR                                      |                    | RED                    | RED                    |

For more information, or to place an order, call, fax or email us at:

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