

LINTECH HDARR

Heavy Duty Abrasion Resistance Rubber

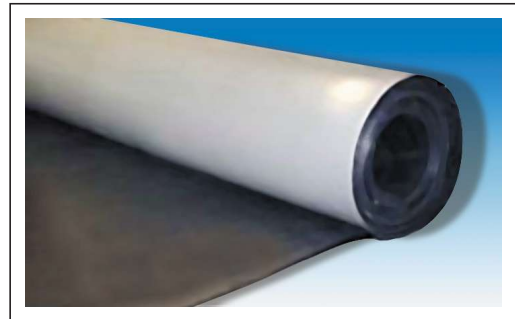
THE SOLID AND TOUGH

LINTECH HDARR is available in DURO60 and 70. It is a natural rubber (NR) and synthetic rubber blend (BR) with silica reinforced to improve physical properties.

LINTECH HDARR developed for requirement of abrasion, cutting, chunking and impact involving at dry application. Also perform well in aqueous environment involving sharp edged heavy aggregate. Material transfer point, storage bins and chutes are samples of this wide range application of **LINTECH HDARR**.

FEATURES

- 1 High Tensile Strength
- 1 Top Quality rubber with supreme resistance to wear
- 1 Resistance to dry abrasion and impact
- 1 Good weathering resistance



FIELDS OF APPLICATION

- 1 Lining of vibratory feeders, storage bins, material transfer points, impact walls, filtering buckets, chutes
- 1 Lining of heavy duty impact zones
- 1 Lagging for drive and non drive pulleys (medium to high tension)
- 1 Molded – built to shape products – screen panels, wear bar, wedgit, membrane

METHODES OF APPLICATION

Applicable for single or multi layer bonding system depend on services requirement.

Hot curing or cold bonding is available upon on service and fields requirements.

Mechanical fixing (aluminum slotted with tee bolt) to molded products is available.

Thickness Available: 3 mm to 100 mm (4")

PLEASE CONTACT LINTECH REPRESENTATIVE FOR YOUR ASSISTANCE

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SUPPLY AVAILABILITY

| Ref. No. | Dimensions mm | kg/m ² |
|-----------|---------------|-------------------|
| HDAR 0312 | 3 x 1 200 | 3,96 |
| HDAR 0512 | 5 x 1 200 | 6,60 |
| HDAR 0612 | 6 x 1 200 | 7,92 |
| HDAR 0812 | 8 x 1 200 | 10,56 |
| HDAR 1012 | 10 x 1 200 | 13,20 |
| HDAR 1212 | 12 x 1 200 | 15,84 |
| HDAR 1512 | 15 x 1 200 | 19,80 |
| HDAR 2012 | 20 x 1 200 | 26,40 |
| HDAR 2512 | 25 x 1 200 | 33,00 |
| HDAR 3012 | 30 x 1 200 | 39,60 |
| HDAR 3512 | 35 x 1 200 | 46,20 |

MEAN PHYSICAL PROPERTIES

| LINTECH HDARR | | | | |
|---------------------------|----------------------|----------------------|------------------------|--------------|
| Technical characteristics | | | | |
| | | HDARR60 | HDARR70 | TEST STD |
| 1 | Polymer | NR/BR | NR/BR | DIN ISO 1629 |
| 1 | Specific weight | 1.10 | 1,14 g/cm ³ | DIN 53 479 |
| 1 | Tensile Strength | 3200 Psi | 3350 Psi | ISO37-1977 |
| 1 | Elongation | 480% | 460% | ISO37-1977 |
| 1 | Tear Strength | 92 N/mm ² | 98 N/mm | ISO34-1979 |
| 1 | Hardness | 60 Shore A | 70 Shore A | DIN 53 505 |
| 1 | Abrasion at 5N | 60 mm ³ | 50 mm ³ | DIN 53 516 |
| 1 | Resilience | 54% | 53% | DIN 53 512 |
| 1 | Standard roll length | 10 m | 10 m | |
| 1 | Temperature range | -40degC to 70 deg C | -40 deg C to 70 deg C | |
| 1 | Color | BLACK | BLACK | |