

LINTECH NITRILE

SUPERIOR Abrasion Resistance Rubber for OIL, FUEL, CHEMICALS

LINTECH NITRILE is one of Lintech rubber, available in DURO35 up to 60. It is a precision blend of specially formulated synthetic rubber (NITRILE - NBR) with silica fillers reinforcing to give good abrasion resistance in the presence of hydrocarbons (oil, fuel) and aggressive chemicals.

LINTECH NITRILE is developed to meet the wear application with oil environment including chemical application. It is also applicable for high temperature application – 120deg C max with suitable Lintech adhesive system.

FEATURES

- Superior resistance to wear
- Excellent mineral Oil, grease, fuel, aliphatic hydrocarbons, chemicals resistance
- Excellent high temperature, thermal aging and fatigue properties



FIELDS OF APPLICATION

- Lining of mineral and vegetables processing tanks that requires oils, grease, aliphatic hydrocarbons and other chemicals adds resistance.
- Lagging for drive and non drive pulleys (medium to high tension) with oily environment
- 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



PT.LINTECH DUTA PRATAMA

The Only Integrated Steel + Rubber Manufacturer

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SUPPLY AVAILABILITY

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

MEAN PHYSICAL PROPERTIES

	LNBR60-502	TEST STD
• Polymer	NR/NBR	DIN ISO 1629
• Specific weight	1.10	ISO 2781-88
• Tensile Strength	250 Kg/cm ²	ISO37-1994/ASTM D-412
• Elongation	580%	ISO37-1994/ASTM D-412
• Tear Strength	20.5 N/mm	ISO34-1994 - C
• Hardness	60 Shore A +/-5	DIN 53 505/ISO7619-86
• Abrasion loss at 5N	120 mm ³	DIN 53 516/ISO4649-85
• Resilience	55%	DIN 53 512
• Standard roll length	10 m	
• Temperature range	-40degC to 120 deg C	
• Color	BLACK	



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