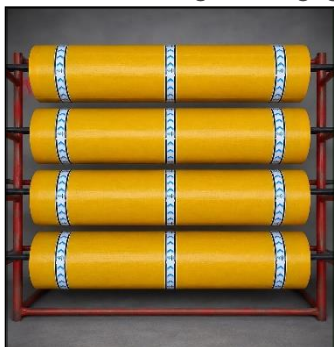


SC 50 NR | STEAM CURE SOLID MATERIAL BASED ON NATURAL RUBBER

SC 50 NR is a premium grade, steam cure 50 Shore A Hardness Natural Rubber, used in high/wet slurry abrasion and wear applications.

PRODUCT OVERVIEW

- Typical applications include lining of tanks, cyclone, launders, pipes, chutes, pigots, pulleys etc.
- Not suitable for oils, solvents, hydrocarbons or strong oxidizing agents.



PHYSICAL PROPERTIES

STANDARD FEATURES

- 01 Roll Width:** 1200mm–1450mm wide (custom on request)
- 02 Thickness Range:** 1.5mm–20.0mm
- 03 Length Range:** 10 or 12m (custom on request)
- 04 Available Colours:** Black
- 05 Packaging:** Yellow Embossed Plastic



RECOMMENDED STORAGE CONDITIONS:

Store below 23°C on suspended racks or shelving to avoid creasing, damage, and flat spots. Typical values may vary by batch and application and are not a performance guarantee. Users must confirm material suitability before use.

DESCRIPTION	NATURAL RUBBER (NR)
Hardness (SANS 10048)	50±5 Shore A
Specific Gravity (S.G)	1.22 (±0.2) g/cm ³
Elongation At Break (SANS 10037)	500% (min)
Tensile Strength (SANS 10037)	14 Mpa (min)
Classification (SANS 1198-2005)	Type I Grade B Class 50
Tear Strength (ISO 34:2022)	N/A
Abrasion Loss (ISO Method B)	290mm ³ (dry abrasion)
Temperature Range	Minus 5°C to 70°C
Shelf Life @23°C	6 weeks from manufacture date

MATERIALS TESTING

STANDARD TESTING INCLUDES:

- ✓ Rheometer & SG Testing
- ✓ E@B Testing
- ✓ Tensile Testing
- ✓ Mooney Viscosity

OPTIONAL TESTING ON REQUEST:

- ✓ Abrasion Resistance
- ✓ Compression Set
- ✓ Rebound Resilience

ADHESION SYSTEM

NON-UV RESISTANT

Uncured Rubber to Metal

 **HeroBond®080 (Orange Primer)** 10-11m2
Minimum drying time 30 minutes

 **HeroBond®082 (Black cover coat)** 9-10m2
Minimum drying time 30 minutes at room temperature

 **HeroBond®086 (Black tie coat)**
1 coat 6,2 sq.m/litre 2 coats 3,1 sq.m/litre
One coat on steel, one coat on rubber

UV RESISTANT

 **HeroBond®089 Green Primer** 11m2
1 hour to dry in-between

 **HeroBond®090 Red Cover Coat** 20m2



NOTE:

- The handling precautions above are limited to general recommendations based on information obtained from suppliers of individual compounding ingredients.
- Information is given with the understanding that the manufacturer will satisfy themselves that precautions to health and safety hazards presented by their conditions of use are adequate.
- Since conditions of product and disposal is outside our control we make no warranties, express or implied, and assume no liability in connection with any use of this information.