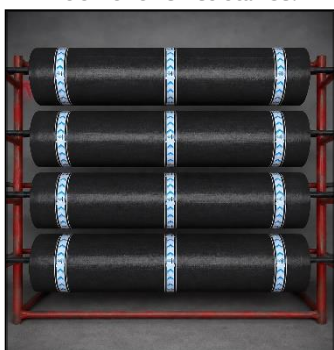


CR HEROLINE 40 ORANGE NR | PRE-CURED SOLID MATERIAL BASED ON NATURAL RUBBER

CR HEROLINE 40 ORANGE NR is a premium grade, pre-cured 40 Shore A Hardness Natural Rubber, used in extremely wet/slurry abrasion resistant applications.

PRODUCT OVERVIEW

- Typical applications include lining of tanks, cyclones, launders, pipes, and chutes.
- Not suitable for oils, solvents, hydrocarbons or strong oxidizing agents.
- Poor ozone resistance.



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: Orange
- 05** Packaging: Black Plastic

RECOMMENDED STORAGE CONDITIONS:

Store below 23°C out of direct sunlight.

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)	40±5 Shore A
Specific Gravity (S.G)	1.01 (±0.2) g/cm ³
Elongation At Break (SANS 10037)	720% (min)
Tensile Strength (SANS 10037)	24 Mpa (min)
Classification (SANS 1198-2005)	Type I Grade A Class 50
Tear Strength (ISO 34:2022)	27N/MM
Abrasion Loss (ISO Method B)	120mm ³ (dry abrasion)
Temperature Range	Minus 5°C to 80°C (intermittent)
Shelf Life @23°C	6 months 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

CURED RUBBER TO METAL

HeroPrime@105 (Grey Metal Primer)

Drying time 20-30 minutes at room temperature

HeroBond@200 & Hardener

Drying time 20-30 minutes at room temperature

Application

12,0 sq.m/litre - @ 10micron dry film thickness
±700gms/m² (depending on the roughness of the surface)



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.