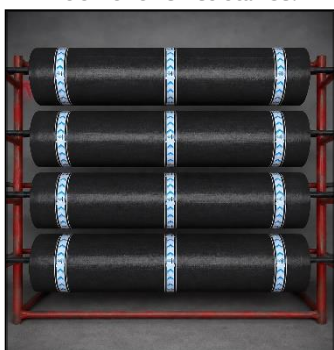


## CR HEROLINE 38 BLACK NR | PRE-CURED SOLID MATERIAL BASED ON NATURAL RUBBER

CR HEROLINE 38 BLACK NR is a premium grade, pre-cured 38 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:** Black
- 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)            | 38±5 Shore A                      |
| Specific Gravity (S.G)           | 1.05 (±0.2) g/cm <sup>3</sup>     |
| Elongation At Break (SANS 10037) | 600% (min)                        |
| Tensile Strength (SANS 10037)    | 22 Mpa (min)                      |
| Classification (SANS 1198-2005)  | Type I Grade A Class 40           |
| Tear Strength (ISO 34:2022)      | 27N/MM                            |
| Abrasion Loss (ISO Method B)     | 120mm <sup>3</sup> (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/m<sup>2</sup> (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.