

# RC412BN

Enduraflex™ black, soft, cured natural rubber lining compounded for impingement and abrasion service. FDA compliant.

## SPECIFICATIONS

**Durometer of Face Material:**  
40-55 Shore A Scale

**Skive:**  
Closed

**Repairs:**  
Repair with original lining  
See Section 16 – Repair Procedures

**Storage Life from Date of Shipment:**  
10 years

Caution: Natural rubber is susceptible to deterioration by sunlight and oxygen. This is known as ‘weather checking. Do not expose rubber lining to sunlight, ozone or oxygen.

### CURE METHODS AND TIMES:

Lining is cured, no additional curing is required

### ADHESIVE SYSTEM

1 <sup>st</sup> Coat on Metal	Chemlok® 205
2 <sup>nd</sup> Coat on Metal	Normac 900 E Ultra
3 <sup>rd</sup> Coat on Metal	Normac 900 E Ultra
On the rubber	Normac 900 E Ultra

\* Each adhesive component requires thorough mixing before application.

\* Blair acknowledges that other cold bond systems are available and utilized for rubber linings. It is our recommendation that applicators conduct their own adhesive validation tests to assure compatibility and performance with other cold bond systems.

### TYPICAL PHYSICAL PROPERTIES

Tensile Strength PSI	ASTM D412	3600
% Elongation at Break	ASTM D412	800
Durometer	ASTM D2240	45 A
Specific Gravity	ASTM D927	1.00
Adhesion To Metal	ASTM D429	35 lbs.

## APPLICATOR NOTES

1. RC412BN may be used to repair most natural rubber linings.
2. Prepare substrate and rubber surfaces as outlined on the cement specification(s) and in sections 12 & 13 of the Blair Engineering Manual.
3. Ambient temperature must be 50°F, (10°C) minimum during application. No additional heat required.
4. RC412BN will not stretch; it is a cured product with memory and will return to its original dimensions.
5. Tack time is critical to the success of the bond. Adhesive specifications must be followed.

Disclaimer: The above guidelines are based on general industry practices and not applicable to all installations. Please contact Blair Rubber company for specific application instructions. Application methods shall conform to Blair Rubber Company instructions contained in the Engineering & Applicator manual. Deviations from the specifications must be approved in writing by Blair Rubber Company. Data values are approximate and may vary based on installation techniques and atmospheric conditions. As such, data values should be used as general guidelines and are not a legally binding warranty of product characteristics. This document is copyright to and intellectual property of Blair Rubber company and may not be copied or distributed without prior consent.