

CU611BN

Enduraflex™ black, soft, cured natural rubber lining for chemical resistance, HCl service, sliding abrasion, field lining and repair. FDA compliant.

SPECIFICATIONS

FACE MATERIAL DUROMETER, ATMOSPHERIC CURE

50 to 60 A

AVAILABLE GAUGES:

3/16", 1/4", 4mm, 5mm, 6mm

SKIVE:

Open or Butt & Cap

REPAIRS:

Repair with original lining.
See Section 16 – Repair Procedures.

TYPICAL PHYSICAL PROPERTIES

Tensile Strength PSI	ASTM D412	2300
% Elongation at Break	ASTM D412	550
Durometer	ASTM D2240	57 A
Specific Gravity	ASTM D297	1.19
Adhesion to Metal	ASTM D429	25 LBS

Notes: Can be used on flange faces for internal steam pressure cure. See Section 15.

CURE METHODS AND TIMES:

Lining is cured. No additional curing is required.



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STORAGE LIFE FROM DATE OF SHIPMENT	
10 years	

ADHESIVE SYSTEM	
1st coat on metal:	P-100
2nd coat on metal:	Normac™ 900E Ultra with Hardener
3rd coat on metal:	Normac™ 900E Ultra with Hardener
On the rubber:	Normac™ 900E Ultra with Hardener

-Each adhesive component requires thorough mixing before application.

ALTERNATE ADHESIVE SYSTEM	
1coat on metal:	Enduraboond RC

APPLICATOR NOTES

1. This is a natural rubber repair material for any natural rubber lined vessel.
2. When repair includes bonding to metal, buff or sand blast surface. Buff old adhered rubber to a smooth taper to prepare for inlay.
3. Refer to applicable adhesive technical data sheet for detailed instructions on adhesion method.
4. Another option for large repairs is to overlay the seam using the butt & cap method. Roll and stitch down the cap strip.
5. Do not attempt to stretch rubber into position. Rubber will not stretch without returning to its original shape. Care must be taken to ensure surfaces are flat or gently sloping in order for rubber to conform to surface shape.
6. No heat is required as long as ambient temperatures are greater than 50°F (10°C). Bond strength will be achieved in 24-48 hours.
7. The temperature of the substrate must be greater than 60°F (15°C) prior to applying primer and rubber. Temperature should not exceed 120°F (49°C).
8. 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 the intellectual property of Blair Rubber Company and may not be copied or distributed without prior consent.