

V627BNI

Enduraflex™ black, soft, hydrogenated nitrile lining for high abrasion and high temperature, 302°F (150°C), applications when petroleum oils are present.

SPECIFICATIONS

Durometer of Face Material:
Shore A Scale

Pressure Cure:
55-65 A

Skive:
Closed

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

Storage Life from Date of Shipment:
32°F (0°C) to 50°F (10°C) – 180 days
51°F (13°C) to 65°F (19°C) – 90 days
66°F (21°C) to 75°F (23°C) – 60 days
76°F (23°C) to 85°F (30°C) – 30 days

* Storage temperature must not exceed 85°F (30°C).

CURE METHODS AND TIMES:

Autoclave	2 hours at 275°F (135°C)
Internal Pressure	6 hours at 260°F (127°C)

Note: Cure times may require adjustment to compensate for heavy metal thickness, low exterior temperatures or other unusual factors. See Section 14 – Curing Instructions.

ADHESIVE SYSTEM

1 st Coat on Metal	Chemlok® 205
2 nd Coat on Metal	Chemlok® 234B
3 rd Coat on Metal	Tack 201
On the rubber	No cement on tie gum
On seams	Tack 808

* Each adhesive component requires thorough mixing before application.

TYPICAL PHYSICAL PROPERTIES

Tensile Strength PSI	ASTM D412	2900
% Elongation at Break	ASTM D412	700
Durometer	ASTM D2240	60 A
Specific Gravity	ASTM D927	1.17
Adhesion To Metal	ASTM D429	30 lbs.

APPLICATOR NOTES

1. With V627BNI, apply adhesive to the substrate only. Do not apply adhesive to the tie gum.
2. The temperature of the substrate must be greater than 60°F (15°C) prior to applying primer and rubber. Temperatures should not exceed 120°F (49°C).
3. A heated table that warms rubber to approximately 120°F (49°C) prior to application is recommended.
4. Strict adherence to adhesive specifications is required. Tack time is critical to the success of the bond.
5. Lining may shrink 10% lengthwise after unrolling. Preshrink rubber before application.
6. V627BNI must not be overly stretched. Stretching the rubber will cause lining and seams to lift during cure.

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.