



# VE612BNE

**Description:** ENDURAFLEX Black, soft high quality neoprene for general purpose abrasion and chemical resistance. Exhaust Steam or Pressure Cure.

**Durometer of Face Material:** Shore A Scale.  
**Pressure Cure:** 55 to 65  
**Atmospheric Cure:** 50 to 65

**Available Gauges:** 1/8", 3/16", 1/4"; 1/2", 4 mm, 5 mm, & 6mm, & 10 mm.

**Adhesive System:**

ENDURABOND® 1\*2\*3 SYSTEM

1st coat on metal:	Primer 100
2nd coat on metal:	Intermediate 100
3rd coat on metal:	Tack 201
On the rubber:	Tack 201

**Skive:** Open

**Cure Methods and Times:**

<b>Autoclave:</b> Up to 1/4" 2 hours @ 275°F (135°C) 3/8", 1/2" 3 hours @ 275°F (135°C)
<b>Internal Pressure:</b> 6 hours @ 260°F (127°C)
<b>Atmospheric:</b> 2 Step process Step 1 – 6 hours from Ambient to 160°F (71°C) Step 2 – 24 hours @ 180°F (82°C) or 20 hours @ 200°F (94°C) Atmospheric curing not recommended for vacuum service.

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

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

**Storage Life:**

From 32°F (0°C) to 50°F (10°C)	180 days
From 55°F (13°C) to 65°F (19°C)	90 days
From 70°F (21°C) to 85°F (30°C)	60 days
Above 90°F (32°C)	30 days

**Typical Physical Properties**

Tensile Strength – PSI	ASTM D412	2000
% Elongation at break	ASTM D412	600
Durometer	ASTM D2240	58A
Specific Gravity	ASTM D927	1.35
Adhesion to Metal	ASTM D429	25 Lbs.

*Application methods shall conform to BLAIR Rubber Company instructions contained in the Engineering & Applicator manual. Deviations from the specifications must be approved by BLAIR Rubber Company.*

**Notes:** For the best appearance of the completed rubber lining, always apply plastic side down against the substrate.

**Applicator Notes:**

1. A heated table that warms rubber to 120°F is best for application.
2. Lining may shrink 10% lengthwise after unrolling. Preshrink rubber before applying.  
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 (48° C).