



# VE710BNE

**Description:** ENDURAFLEX Black, soft neoprene lining specially to include a Biocide. Exhaust Steam or Pressure Cure.

**Durometer of Face Material:** Shore A Scale

**Pressure Cure:** 65 to 75

**Atmospheric Cure:** 65 to 75

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

**Adhesive System:**

**Adhesives:** ENDURABOND SYSTEM for Synthetics

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

**Skive:** Open

**Cure Methods and Times:**

<b>Autoclave:</b> 2 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 51°F (13°C) to 65°F (19°C)	90 days
From 66°F (21°C) to 75°F (23°C)	60 days
From 75°F (23°C) to 85°F (30°C)	30 days
Do not exceed 90°F (32°C) prior to use.	Cold storage

### Typical Physical Properties

Tensile Strength – PSI	ASTM D412	2200
% Elongation at break	ASTM D412	550
Durometer	ASTM D2240	65A
Specific Gravity	ASTM D927	1.33
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.
3. 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).