



VE530BEP

Description: ENDURAFLEX Black, soft EPDM lining for oxidizing solutions and high temperature applications. FDA - with gray tie gum. Exhaust Steam or Pressure Cure.

Durometer of Face Material: Shore A Scale

Pressure Cure: 50 to 60

Atmospheric Cure: 45 to 60

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

Adhesive System:

Adhesives: ENDURABOND 1*2*3 SYSTEM

1st coat on metal:	Primer #1
2nd coat on metal:	Intermediate #2
3rd coat on metal:	Tack #3
On the rubber:	Tack #3
On VE530BEP	600 Tack or 502
On VE518BEP	600 Tack or 502

Skive: Butt/Cap

Cure Methods and Times:

Autoclave: 1 hour 275°F (135°C)
Internal Pressure: 8 hours @ 260°F (127°C)
Atmospheric: 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 50°F (10°C) to 65°F (19°C)	90 days
From 65°F (19°C) to 85°F (30°C)	60 days
Above 90°F (32°C)	30 days
Do not exceed 90 F (32° C) prior to use.	Cold storage

Typical Physical Properties

Tensile Strength – PSI	ASTM D412	1400
% Elongation at break	ASTM D412	775
Durometer	ASTM D2240	55A
Specific Gravity	ASTM D927	1.13
Adhesion to Metal	ASTM D429	30 Lbs.

Application methods shall conform to BLAIR Rubber Company. 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. This lining requires VE518BEP as Cap material to cap over butt seams.
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 (48° C).