CPE CAP

Description: ENDURAFLEX 1/8" Black CPE Cap Material for VE350CPETN & VE526CPEBC. Apply over butt seams of CPE linings.

Durometer of Face Material: Shore A Scale.
Pressure Cure: 65 to 75
Atmospheric Cure: 65 to 75

Available Gauges: 1/8"

Adhesives: ENDURABOND CAP SYSTEM FOR VE526CPEBC & VE350CPETN

VE526CPEBC or VE350CPETN	CPE SOLVENT WASH CPE Tack Part A & B
On cap	CPE SOLVENT WASH
On cap	CPE Tack Part A & B

Skive: Cap

Cure Methods and Times:

Autoclave: Refer to cure on VE350CPETN & VE526CPEBC Specifications.
Internal Pressure: Same as above.
Atmospheric: Same as above.

Note: Cure times may require adjustment to compensate for heavy metal thickness, low exterior temperatures or other unusual factors. See Section15 – Curing Instructions.

Repairs: Repair with original lining. See Section 17 – 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	1000
% Elongation at break	ASTM D412	200
Durometer	ASTM D2240	65A
Specific Gravity	ASTM D927	1.30
Adhesion to Metal	ASTM D429	25

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. Cut CPE CAP material in 3" wide strips.
2. Mixing A & B parts of the tack cement thoroughly.
3. Clean off CPE surfaces to be adhered with CPE solvent and allow to dry. The cap strip and joint area must be wiped with the CPE Solvent wash before the tack cement is applied.
4. Apply the mixed A&B CPE tack adhesive to the both CPE surfaces as soon as they are dry from the solvent wash. If the any of the surfaces are allowed to dry out too long the they will loose there tack and the solvent must be reapplied again before applying the A&B tack cement.
5. Preheat the CPE CAP strip and CPE seam area between 100°F & 120°F. This makes the CPE pliable and ensures good adhesion over the contact area of the butt skive joint.
6. Experience has shown that use of a heat gun during the application of the cap strip gives much greater adhesion and makes the application easier.
7. Roll and stitch down the heated CPE CAP strip to the heated butt/skive joint together.
8. **Over heating of the cap makes it very plastic and easily damaged if excessive stitcher pressure is used.**
9. The temperature of the substrate must be greater than 60º F (15º C) prior to applying primer and rubber. Temperatures should not exceed 120º F (48º C).

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