C825WN

Enduraflex™ white, semi-hard, chemical cure natural rubber for field lining and repair. FDA compliant when Chemcure II™ is utilized.

SPECIFICATIONS

Durometer of Face Material:
Shore A Scale

Atmospheric Cure:
60-85 A

Skive:
Open

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).

Caution: Natural rubber is susceptible to deterioration by sunlight and oxygen. This is known as 'weather checking. Do not expose rubber lining to sunlight, ozone or oxygen.

CURE METHODS AND TIMES:	
Atmospheric	Apply 2 coats of Chemcure™ or Chemcure II™ on lining face with approximately 60 minutes of drying time between coats. Cure approximately 14 days at room temperature.
	Exhaust Steam Assist: Gradually increasing the temperature to 160°F (71°C) for 8 to 12 hours by exhaust steam will result in an accelerated cure.
	Dry heat 20 hours at 120°F (49°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/CHEMCURE:	
1st Coat on Metal	Chemlok® 289
2nd Coat on Metal	Chemlok® 290
3rd Coat on Metal	Chemlok® 286 or Tack 103
On the rubber	Chemlok® 286 or Tack 103
On the rubber	Chemcure or Chemcure II (2 coats)

* Each adhesive component requires thorough mixing before application.

TYPICAL PHYSICAL PROPERTIES		
Tensile Strength PSI	ASTM D412	1000
% Elongation at Break	ASTM D412	700
Durometer	ASTM D2240	80 A
Specific Gravity	ASTM D927	1.58
Adhesion To Metal	ASTM D429	25 lbs.

APPLICATOR NOTES

1. Adding 10% Chemcure™ by volume to the tack cement wherever tack cement is required will aid in curing the cement and underside of lining. 6 hour pot life.
2. Plying up layers of rubber lining thicker than 1/4" could results in the rubber flowing or sagging during cure. Test plate is required to determine flow characteristics.
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 (49°C).
4. A heated table that warms rubber to approximately 120°F (49°C) prior to application is recommended.
5. Strict adherence to adhesive specifications is required. Tack time is critical to the success of the bond.