

# CHB50HT

Marflex™ black, chemical cure bromobutyl lining with superior temperature resistance to acids and caustic solutions up to 260°F (127°C). With tie gum. Either Chemcure™ or Chemcure II™ may be used as the curing agent. FDA compliant when Chemcure II™ is used to cure the rubber.

## SPECIFICATIONS

**FACE MATERIAL DUROMETER, ATMOSPHERIC CURE:**  
55 to 65 A

**AVAILABLE GAUGES:**  
1/8", 3/16", 1/4", 4mm, 5mm, 6mm

**SKIVE:**  
Closed

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

## TYPICAL PHYSICAL PROPERTIES

Tensile Strength PSI	ASTM D412	1200
% Elongation at Break	ASTM D412	350
Durometer	ASTM D2240	60 A
Specific Gravity	ASTM D927	1.41
Adhesion to Metal	ASTM D429	25 LBS

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



## CURE METHODS AND TIMES:

Atmospheric	Apply two 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: 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.

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## 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)

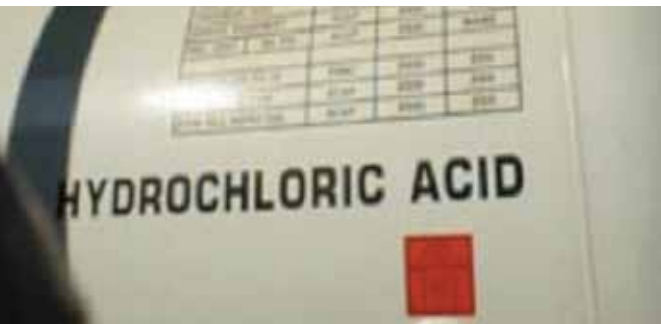
## ADHESIVE SYSTEM ENDURABOND™ 1\*2\*3 SYSTEM

1st coat on metal:	Primer #1
2nd coat on metal:	Intermediate #2
3rd coat on metal:	Tack #3
On the rubber:	Tack #3
On the seams:	500 Tack

\*Each adhesive component requires thorough mixing before application.

## APPLICATOR NOTES

1. Used to repair HB50HT.
2. Plying up layers of rubber lining thicker than 1/4" could result in the rubber flowing or sagging during cure. Test plate is required to determine flow characteristics.
3. Without the addition of heat, plying up layers of rubber lining could result in the rubber not curing thoroughly. Chemical curatives rarely penetrate two layers. An addition of 10% Chemcure by volume to the tack cement is recommended between layers of rubber (see note #6).
4. Chemcure™ & Chemcure II™ should not be applied if rubber temperatures are below 50°F (10°C) or above 140°F (60°C). Note: at the low end the cure time may take months."
5. Add 10% Chemcure™ by volume to the tack cement. Use this mixture wherever tack cement is required. This mixture has a pot life of approximately 6 hours."
6. A heated table that warms rubber to approximately 120°F (49°C) is best for application."
7. Apply two coats of Chemcure™ to the face of the rubber. Allow 60 minutes of drying time between applications.
8. Strict adherence to adhesive specifications is required. Tack time is critical to the success of the bond.



### DISCLAIMER:

The above guidelines are based on general industry practices and not applicable to all installations. Please contact Blair Rubber Company for specific application instructions. Application methods shall conform to Blair Rubber Company instructions contained in the Engineering & Applicator manual. Deviations from the specifications must be approved in writing by Blair Rubber Company. Data values are approximate and may vary based on installation techniques and atmospheric conditions. As such, data values should be used as general guidelines and are not a legally binding warranty of product characteristics. This document is copyright to and the intellectual property of Blair Rubber Company and may not be copied or distributed without prior consent.