



The first name in bow eyes.

## EPCO Bow Eye Sealing System

### Meet the next generation.

EPCO is pleased to introduce the latest version of its patented Bow Eye Sealing System. This silicone gasket sealing system provides a clean, secure seal without the need to caulk or other sealants. The result: a substantial savings of time, labor and material costs.

The Bow Eye Sealing System features a precision design in which the gasket is aligned on the top plate and then pre-assembled to the bow eye. This not only saves time and money, it also ensures that the gasket is perfectly aligned—eliminating the chance for error or damage to the gasket.

### Highlights of the EPCO Bow Eye Sealing System:

- Simple to use
- Installation time of 2 minutes or less
- Savings in labor and material costs from \$12 to \$28 per boat
- Gasket is precisely aligned on the top plate and pre-assembled to the bow eye to reduce installation time and eliminate costly alignment errors
- With no caulk or sealants, there's no need to curing or setup time
- Environmentally friendly with no chemical fumes or mess to clean up
- Eliminates employee concerns about mess and damage to clothing
- Provides a clean, secure, water-resistant seal
- Life-time warranty



The NEW Bow Eye Sealing System features a liquid injection molded silicone gasket in an optimized shape. The new design prevents extrusion from over tightening and provides superior leak resistance and a neat appearance once installed.


### EPCO Bow Eye Sealing System Savings Worksheet

Install and Caulk Bow/Stern Eye	Installation Labor (Does not include Bow Eye Cost)	Est. Time per Bow/Stern Eye	Est. Time per Boat	Boat Builder Hourly Overhead Rate					
				\$30	\$40	\$50	\$60	\$70	
	Time to Caulk and Install Bow/Stern Eye (Does not include time to caulk back plate area)	5 minutes	15 minutes (25%)	7.50	10.00	12.50	15.00	17.50	
	Re-buff / Clean up	3 minutes	9 minutes (15%)	4.50	6.00	7.50	9.00	10.50	
	Total Estimated Time and Installation Labor Cost per Boat	8 minutes	24 minutes (40%)	12.00	16.00	20.00	24.00	28.00	\$
EPCO Bow Eye Sealing System: Bow Eye \$ _____ x 2 = _____ + Stern Eye \$ _____ =									\$
Free EPCO Bow/Stern Eyes ___ Yes or ___ No								Savings + or -	\$

## Passing the test.

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## Leak Proof Testing



**SHERRY Laboratories**  
Testing Today – Protecting Tomorrow™

Shipping Address:  
9301 Innovation Drive, Suite 175  
Daleville, IN 47334  
Telephone 765-378-4102  
Fax 765-378-4108

**LABORATORY REPORT**  
**AMENDED REPORT**

Mailing Address:  
PO Box 569  
Daleville, IN 47334-0569  
800-874-3563

**Attn: FRITZ AICHELE**  
**EPCO PRODUCTS, INC**  
**3736 VANGUARD DRIVE**  
**FORT WAYNE, IN 46809-3303**

**To change sample identification.**  
**Report No: 2007040859**  
**Date Received: 04/18/2007**  
**Date Reported: 04/19/2007**  
**P.O. No: 59702**

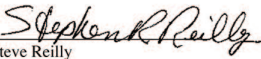
**Size: 3/8" and 1/2" gasket**  
**Description: Two (2) silicon EpcO Bow Eye Sealing System gaskets for Pressure testing**

**Test Procedure**

Each Bow Eye was installed in the test chamber with the "U" end of the Bow Eye internal to the chamber. The nuts were tightened using a torque of 10 ft-lbs., water was added, and the chamber was pressurized to simulate a water depth of 10'. The pressure was held for an hour with observations made. Figures 1 and 2 show two of the Bow Eyes during testing.

**Leak Proof Testing**

Test No. 1 - Tightened bolts with 10 lbs. Torque				
Sample Size	Sample ID	Sample No.	Test Duration	Comments
3/8" Bow Eye	Silicon	1	1 hour	No leaks observed
1/2" Bow Eye	Silicon	2	1 hour	No leaks observed
3/8" Bow Eye	Silicon	1	1 hour	No leaks observed
1/2" Bow Eye	Silicon	2	1 hour	No leaks observed

Approved by:   
Steve Reilly  
Vice President  
Sherry Engineering Group  
Amended Report 04/20/2007

Fixture will be returned to Sherry Laboratories Fort Wayne facility for customer pick-up.

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## The Choice of Top Manufacturers.

The EPCO Bow Eye Sealing System is the choice of a growing number of boat builders. They have adopted the system for its ease of installation and savings in time, labor and material—as well as the fact it is environmentally friendly. When it comes to streamlining processes and lowering costs, the EPCO Bow Eye Sealing System offers manufacturers a clear advantage.



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