

Why Proco Products, Inc.?

Technical Support

Proco offers pertinent catalog information, engineering support and on-site technical assistance for expansion joint applications. This support will allow for proper selection of products and correct installation procedures. Selection and proper installation will add to service life. Ensure proper selection of products and installation procedures to make sure items are installed properly.

Customer Service

Proco Products has an Agent/Distributor Network of Sealing Specialists around the world to help assist. This support will allow for proper selection of products and correct installation procedures. Selection and proper installation will add to service life. Our customer service or international departments are ready to field any call to help assist with specification and pricing.

Training

Proco Products routinely provides Educational Training Seminars for customers at all levels. Engineering, maintenance and purchasing seminars can be provided at the customer's request.

Need a Survey?

Proco Products' engineers and/or agent/distributor partners can come to your location and perform on-site inspections of all elastomeric piping or ducting (non-metallic) expansion joints. Proco can inspect and evaluate each expansion joint utilized in shipboard, shore based support facilities and/or stores. This inclusive service will provide the end-user with the following:

- Periodic inspection as mandated by the USCG and Code of Federal Regulations.
- Detailed listing of dimensional, physical and visual expansion joint data.
- Recommended replacement schedule with prioritization.
- System nomenclature and expansion joint identification information.

All on-site visits will help engineering, maintenance and purchasing personnel formulate the necessary measures to forecast repair budgets more accurately.



For more information on how we can help with your Marine & Rig applications please contact us:

209-943-6088
www.procoproducts.com

Proud Member of The

FLUID SEALING[®] ASSOCIATION **FSA**



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MARINE INDUSTRY

Expansion Joint Product Reference Materials



Government • Merchant • Military
Offshore • Shipyard • Support Terminal
Tug • Ferry • Fishing • Passenger



About Proco Products

Largest Inventory in North America. Over \$2,000,000 of finished goods at our cost. More than all competitive sources combined. Hundreds of styles/compounds/sizes to 72" ID. We have your requirement in stock.

Longest Business Day. Don't worry about time zones, just call. Hours are 5:30 AM to 5:15 PM Pacific Time daily to serve your requirements.

Quick Shipments. In stock items can ship in 1-2 days after receipt of order.

Interchange Guide. Now you can identify competitive products. If it's a rubber expansion joint, it's listed in the PROCO Interchange Guide. We can offer an equivalent for your application. Write for your copy or you can access the guide from our Web site.

Bar-Coded Computerized Inventory. When you call us, we can immediately advise you if your requirement is in stock or the specific day it's expected to be added to our inventory.

Emergency Service. Nights, weekends, even holidays. When you have an emergency, simply dial 800-344-3246 or 209-943-6088 – several personal numbers will be available from the recorder. We'll solve the problem!

24-Hour Phone Service. When we are closed, PROCO phones are monitored to accept your calls. Leave a message for priority service on the next working day.

Experienced Sales Staff. With over 20 years average expansion joint experience, our excellent staff can answer questions and solve problems for you.

Expansion Joint Specialists. Our time and attention is not diverted by having to sell lagging, belting or packings. Our reputation is based on being the authority on expansion joints and check valves. We'll solve your problems.

Complete Product Line. If it's rubber/metal/plastic – we have it. Spool-type joints to 120" ID – molded, spherical, wide-arch, reducers, pipe penetration seals, unions, etc. – are all available. PROCO is a "one-call source" for your expansion joint requirements.

Product Submittal Drawings can be prepared same-day on most products. Ask for a drawing. We'll assist you in preparing an impressive quotation for your customer.

Choice of Elastomers. Standard sizes are stocked in Butyl, EPDM, CSM (similar to Hypalon®), Neoprene, Nitrile, Natural and PTFE®. If it's an elastomer, we can provide it. More important, the PROCO Chemical/Rubber Compatibility Guide will assist you in elastomer selection. Write for your copy or you can access the guide from our Web site.

Product Offering

230 Series

Expansion joint includes a standard, high pressure and custom classification design. Wide arch design, available in multiple arch configurations and concentric & eccentric reducing.

- ASTM F1123 compliant
- Canadian Registration Number (CRN)
- 4:1 Burst Pressure
- Rated for full vacuum 28"hg
- Rated up to 300 psi
- Rated up to 250°F Fluid Piping Service

Common marine services: Loading & Offloading Terminals, Potable Water.

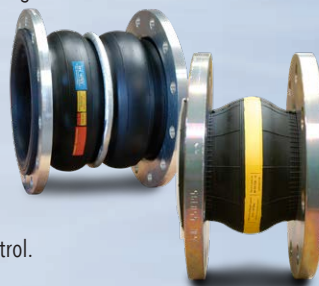


240 Series

Expansion joints feature a rugged, lightweight construction with a wide flowing arch.

- ABS Type Approved for certain styles
- ASTM F1123 compliant
- 4:1 Burst Pressure

Common marine services: Fire Main, Main Propulsion Engines, Machinery Cooling, Seawater, Brine, Base Oil, Ships Service Generators, Ballast, Drilling Mud and Steering & Control.



271 Series

Unique wide self-flushing arch is designed to eliminate media buildup and reduce flow turbulence.

- ASTM F1123 compliant
- 4:1 Burst Pressure
- Rated up to 200 psi
- Rated up to 250°F Fluid Piping Service

Common marine services: Fire Main, Main Propulsion Engines, Machinery Cooling, Seawater, Brine, Base Oil, Drill Water, Ships Service Generators, Potable Water, Ballast and Drilling Mud.



300 Series

Rubber Pipe expansion joints are designed to absorb noise and vibration in piping systems. No arch design and steel reinforcement easily adapt to longer face to face dimensions.

- ASTM F1123 compliant
- Rated up to 150 psi
- Rated up to 250°F

Common marine services: Main Propulsion Engines and Ships Service Generators.



Specifications

ABS Type Approval

Scope: American Bureau of Shipping approved product, can be selected by ship designers, builders and owners to be placed aboard an ABS-classed vessel. Proco offers type approval under the following class rules:

- Steel Vessels
- Mobile Offshore Drill Units (MODU)
- Naval Craft



ASTM F1123-87 (2004)

Scope: This specification provides the minimum requirements for construction, materials, performance, and dimensional requirements of non-metallic expansion joints. The following entities have adopted this standard:

- US Navy
- US Coast Guard



ClassNK



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