

TECHNICAL DEPARTMENT COMMUNICATION

Bulletin No.: ABS-001 (Document Circulation: √ General; √ Distributor; _ Internal & confidential)

PRODUCT: All *INERTEX*® 100% Expanded PTFE Products

SUBJECT: American Bureau of Shipping's (ABS) Approval

The American Bureau of Shipping created its ABS Type Approval Program to provide certification of marine equipment, components, and other products. Type Approval identifies equipment that conforms to specific standards or has been assessed by engineering analysis. Type Approval also serves to demonstrate a manufacturer's capability to produce the product with consistent quality.

The *INERTEX*® expanded polytetrafluoroethylene (PTFE) gasketing materials have recently re-evaluated by the American Bureau of Shipping and found eligible to become part of a classed vessel and to be placed on the ABS's list of Type Approval Equipment. They meet 4-6-1/7.1.3. of the ABS Rule (2019) and 46 CFR 56.25-15 (U.S. Coast Guard). The manufacturing facility is found capable of producing acceptable uniform products. The *INERTEX*® gasketing products that have been placed on the ABS's list include (Type Approval Certificate No. 19-LA3637322):

- *INERTEX*® UHF Joint Sealant
- *INERTEX*® SQ-S Sheet Gasket
- *INERTEX*® UHF Gasket Tape
- *INERTEX*® Valve Stem Packing

The *INERTEX*® gasketing products are chemically inert with a wide temperature service range of -450° F to +600° F (-268° C to +315° C) and a wide pressure service range of full vacuum to 3,000 psi. The applications of *INERTEX*® include steam, chemical pH 0-14 (except molten alkali metals and elemental fluorine), salt water, fresh and potable water, air, hydraulic, fuel and lube oil services (A copy of the certificate is available upon request).

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