



U. S. Department of Homeland Security
United States Coast Guard
Certificate of Approval

Coast Guard Approval Number: 164.112/160/0

Expires: 13 May 2021

INTERIOR FINISH (IMO)

Ideal Tape Company
1400 Middlesex Street
Lowell MA 01844

Ideal Seal 777 Tape (Smooth), Ideal Seal 777 Tape (Embossed), and Ideal Seal 777 Tape (White Smooth) are approved as meeting Parts 2 and 5 of Annex 1 of the 2010 IMO FTP Code.

Approved in maximum thickness of 8, 9, 11 mil (0.203, 0.229, 0.279mm) respectively.

Identifying Data: Underwriters Lab (UL) File No. R15868 Project 4787033819. Test Report dated 29 February 2016 (Part 2 and 5).

Follow-up services: UL Program File No. R15868

Test Substrate: Calcium Silicate

Deemed to be less than the maximum 45 MJ per square meter calorific content as thickness is less than 2 mm.

Approval valid only for products from factory located in Lowell, MA, USA.



1408/YY

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and issue a Declaration of Conformity as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 2004 and by the "Agreement between the European Free Trade Association countries which are part of the European Economic Area and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed October 2005. Item complies with requirements of Annex A.1, Item No. A.1/3.18 of the directive.

*** End ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.

GIVEN UNDER MY HAND THIS 13th DAY OF
MAY 2016, AT WASHINGTON D.C.

B. A. BALDWIN
Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT



TERMS: The approval of the item described on the face of the Certificate has been based upon the submittal of satisfactory evidence that the item complies with the applicable provisions of the navigation and shipping laws and the applicable regulations in Title 33 and/or Title 46 of the Code of Federal Regulations. The approval is subject to any conditions noted on this Certificate and in the applicable laws and regulations governing the use of the item on vessels subject to Coast Guard inspection or on other vessels and boats.

Consideration will be given to an extension of this approval provided application is made 3 months prior to the expiration date of this Certificate.

The approval holder is responsible for making sure that the required inspections or tests of materials or devices covered by this approval are carried out during production as prescribed in the applicable regulations.

The approval of the item covered by this certificate is valid only so long as the item is manufactured in conformance with the details of the approved drawings, specifications, or other data referred to. No modification in the approved design, construction, or materials is to be adopted until the modification has been presented for consideration by the Commandant and confirmation received that the proposed alteration is acceptable.

NOTICE: Where a manufacturer of safety-at-sea equipment is offering for sale to the maritime industry, directly or indirectly, equipment represented to be approved, which fails to conform with either the design details or material specifications, or both, as approved by the Coast Guard, immediate action may be taken to invoke the various penalties and sanctions provided by law including prosecution under 46 U.S.C. 3318, which provides:

"A person that knowingly manufactures, sells, offers for sale, or possesses with intent to sell, any equipment subject to this part (*Part B. of Subtitle II of Title 46 U.S.C.*), and the equipment is so defective as to be insufficient to accomplish the purpose for which it is intended, shall be fined not more than \$10,000, imprisoned for not more than 5 years or both."

U.S. Department of
Homeland Security

United States
Coast Guard



Commandant
United States Coast Guard

U.S. Coast Guard (CG-ENG-4)
U.S. Coast Guard Stop 7509
2703 Martin Luther King Jr. Ave SE
Washington, DC 20593-7509
Phone: (202) 372-1392
E-mail: typeapproval@uscg.mil
<http://www.uscg.mil/hq/cg5/cg5214/>

16714/164.112/0160/0
16714/164.112/0161/0
16714/164.112/0162/0
CORR: 2016-0540
May 13, 2016

Attn: Jennifer Coleman
Ideal Tape Company, Inc
1400 Middlesex Street
Lowell, MA, 01844

Subj: IMO INTERIOR FINISH; INITIAL APPROVAL

We have reviewed the materials you have submitted with your email dated April 29, 2016, as well as Underwriters Laboratory's request for approval of your products; models Ideal Seal 777, 788 Cold Seal, and 791 Cold Seal. Based on the evaluation by independent lab to the requirements of the 46 CFR 164.112 series, and the satisfactory testing performed by Underwriters Laboratory (UL), we have approved the Ideal Seal 777 under approval number 164.112/160/0, 788 Cold Seal under approval number 164.112/161/0, and 791 Cold Seal under approval number 164.112/162/0. The Certificates of Approval (COA) are enclosed.

The COA will remain valid for five years from the date of issuance, unless we suspend, withdraw, or terminate it. Terms of approval are on the reverse of the certificate. Any changes or alternation of components, construction or manufacturing location of the product may require a product to undergo additional testing, or requalification in order to keep its approval.

As a condition of this approval, products indicated on the COA must be permanently and legibly marked with the Coast Guard approval number. The product must also have the Underwriters Laboratory (UL) label, as required by UL. These marks may be on either the product or the packaging as appropriate for the product.

Approval is contingent upon continued participation in the "follow-up" program established with UL.

As per the 2010 IMO FTP Code Annex 1, COAs cannot be renewed if the original full qualification testing report is older than 15 years. This approval only addresses the requirements of the FTP Code, and does not alleviate any requirements for plan review of the proposed installations on vessels.

Please note that the certificates include the European Community's Mark of Conformity (wheelmark) under the mutual recognition agreement between the US and the EC. You may need

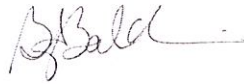
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16714/164.112/0161/0
16714/164.112/0162/0
CORR: 2016-0540
May 13, 2016

Subj: IMO INTERIOR FINISH; INITIAL APPROVAL

to provide a Declaration of Conformity to your customers. Guidance on the declaration and the marking of product can be found in NVIC 8-04, CH-1, which can be obtained at <http://www.uscg.mil/hq/g-m/nvic/index00.htm>.

This letter and all attachments were delivered electronically to coleman@abitape.com. No hard copies will be provided unless specifically requested. If you have any follow-up to this approval, please contact Sean Ramsey at Sean.M.Ramsey@uscg.mil or typeapproval@uscg.mil. Please reference ID#: 2016-0540 in any correspondence related to this project.

Sincerely,



B. A. BALDWIN
Chief, Lifesaving and Fire Safety Division
U.S. Coast Guard
By direction

Enclosure[3]: (1) USCG COA Number 164.112/160/0, dated 13 May 2016
(2) USCG COA Number 164.112/161/0, dated 13 May 2016
(3) USCG COA Number 164.112/162/0, dated 13 May 2016

Copy: Underwriters Laboratory via email Thomas.Sias@ul.com