



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Pacific Echo, Inc.
23540 Telo Avenue.
Torrance, CA 90505**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Spiralite Spa Flex Hose.

APPROVAL DOCUMENT: Drawing No.710, Sheets No. 1, titled "Spiralite Spa Flex," dated 03/18/99, prepared by Pacific Echo Inc., bearing the Miami-Dade County Product Control Approval stamp with the NOA number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

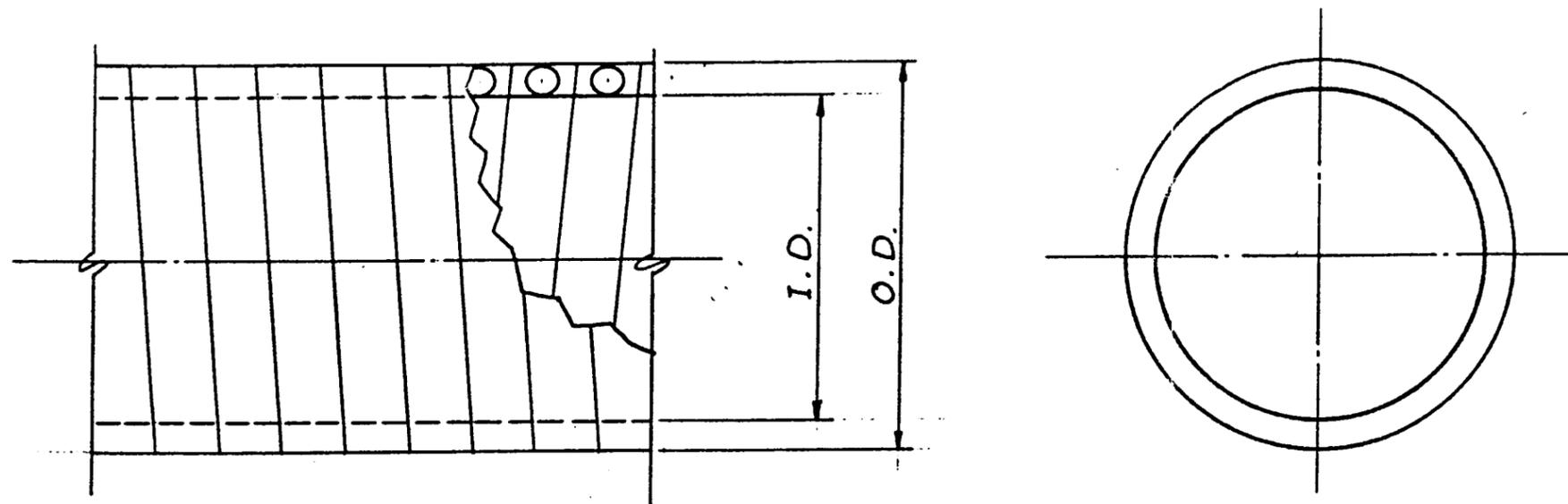
INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**

**NOA No: 02-0103.01
Expiration Date: February 01, 2007
Approval Date: March 28, 2002
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SPIRALITE SPA FLEX HOSE



DESCRIPTION

Pacific Echo, Inc.'s Spiralite Spa-Flex is a flexible polyvinyl chloride (PVC) suction and discharge hose used in circulating systems. The composition of the hose consists of a wall of flexible PVC compound and a rigid PVC helix reinforcement, which is a supporting member for pressure. The soft compound and rigid helix are co-extruded simultaneously through a cross-head. Spa-Flex hose meets IAPMO Standard PS 33-90 & NSF Standard 50 & 61.

NOMINAL I.D. SIZE	INCH	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
O.D.	INCH	0.840	1.050	1.315	1.660	1.900	2.375
WORKING PRESSURE AT 70° F	PSI	100	100	100	80	65	60
DESIGN B.P. AT 70° F	PSI	400	400	355	250	200	175
APPROX. B.P. AT 140° F	PSI	180	180	180	120	100	90

FOR OFFICE USE PRODUCT RENEWED	APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE	PACIFIC ECHO, INC.	
	ACCEPTANCE No. <u>02-0103.01</u> DATE <u>APRIL 22</u> 19 <u>99</u>	23540 TELO AVENUE TORRANCE, CA 90505	
EXPIRATION DATE <u>02/07/07</u>	BY <u>[Signature]</u>	SPIRALITE SPA-FLEX	
By <u>[Signature]</u>	PRODUCT CONTROL DIVISION	DRAWING SHEET NUMBER	DRAWING REVISION NUMBER DATE
PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE	BUILDING CODE COMPLIANCE OFFICE	710	1 3/18/99 --
	ACCEPTANCE NO. <u>99-0122-06</u>	DRAWN <u>HIRANO</u>	