



MARINE DIVISION

Certificate number: 19664/B0 BV

File number: ACE 01/145/12

Product code: 2505I

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

NEXANS
PAILLART - FRANCE

for the type of product

INSTRUMENTATION AND COMMUNICATION CABLES

Data Transmission Cables
NY Series

Requirements:

BUREAU VERITAS Rules for the Classification of Steel Ships.
IEC 60092-359, IEC 60332-1, IEC 60754-1/2, IEC 61034-1/2, IEC 11801

This certificate is issued to attest that BUREAU VERITAS did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 16 Sep 2018

For BUREAU VERITAS,

At BV VALENCIENNES, on 16 Sep 2013,

Lucien Fratini



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with BUREAU VERITAS. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine Division available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

Nexans NY Series is Flame Retardant, Low Smoke and Halogen Free, Marine Data Transmission cables.

1.1 - Specifications:

Temperature Class:	70°C
Flame Retardant:	IEC 60332-1
Halogen Free:	IEC 60754-1/2
Low Smoke:	IEC 61034-1/2

1.2 - Construction:

Conductor:	Solid or stranded plain copper
Insulation:	Polyolefin
Screen:	Polyester backed Aluminium foil (Individual or Collective or None depending on type)
Shielding:	Tinned copper braid (Depending on type)
Inner Sheath:	Low Smoke, Halogen Free compound
Outer Sheath:	Thermoplastic Halogen Free compound - SHF1

1.3 - Product Range:

Type	Number of Pair nP x AWG/wire	Category	Frequency [MHz]	Remarks
NY600 STP	4P x 26/7	7	600	Individual Screen & Shield
NY155 F/UTP	4P x 24/1	5e	155	Collective Screen with Drain Wire
NY250 F/UTP	4P x 24/1	6	250	Collective Screen with Drain Wire
NY155 SF/UTP	4P x 24/1	5e	155	Collective Screen & Shield
NY250 SF/UTP	4P x 24/1	6	250	Collective Screen & Shield
NY600 S/FTP	4P x 23/1	7	600	Individual Screen & Shield
NY125 S-FTP	4P x 26/7	5e	125	Collective Screen & Shield
NY250 STP	4P x 26/7	6	250	Individual Screen & Shield
NY100	6P x 24/19	5	100	Twin Shield & Polyester Separator Tapes

2. DOCUMENTS AND DRAWINGS:

Nexans Data Sheets:

Filotex References No. 2PI320, 2PI697, 2PC852, 2PI698, 2PI699, 2PC853, 2PI700, 2PI701, 2PI071 dated 07/05/2007.

3. TEST REPORTS:

Nexans:

Test Report Part Number 2PI320-10130292 dated 07/05/2007 (Witnessed by BV' Surveyor).

Test report ref.DTR 05/13 issue 1, dated 29.04.2013.

4. APPLICATION / LIMITATION:

BUREAU VERITAS Rules for the Classification of Steel Ships.

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The described cables are to be supplied by NEXANS in compliance with the type and the requirements described in this certificate.

5.2 - This type of product is within the category IBV of Bureau Veritas Rule Note NR320.

5.3 - BV product certificate is required.

6. MARKING OF PRODUCT:

The cable shall be marked on the surface outer sheath, in a durable legible and visible manner, with the following information through the length of cable:

Cable symbol and Temperature Class,

Applicable standard to flame retardant,

Number of conductors and conductor size,

Manufacturer's name or trade mark, Year of manufacture.

7. OTHERS:

7.1 - This approval is given on the understanding that the Society reserves the right to require check tests to be carried out on the cables at any time and that NEXANS will accept full responsibility for informing shipbuilders, ship-owners or their sub-contractors of the proper methods of use and general maintenance of the cables and the conditions of this approval.

7.2 - This certificate supersedes the Type Approval Certificate N° 19664/A0 BV issued on 23/07/2007 by the Society.

*** END OF CERTIFICATE ***