



Polski Rejestr Statków

TYPE APPROVAL CERTIFICATE

This is to certify that the undernoted product type

CABLE TIES

OPK...

(Nomenclature breakdown on 2nd page)

issued to

ERKO sp. j.
ul. ks. Jana Hanowskiego 7,
11-042 Jonkowo,
Poland
distributor

is approved as complying with the requirements of the

PRS Rules for Classification and Construction of Sea-going Ships.

Certificate No. TE/2146/880567/17

Expiry date 2022-03-02

Issued at

Gdańsk, 2017-03-03



C/030-02

Signature

Polski Rejestr Statków S.A.
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Continued overleaf

Technical data

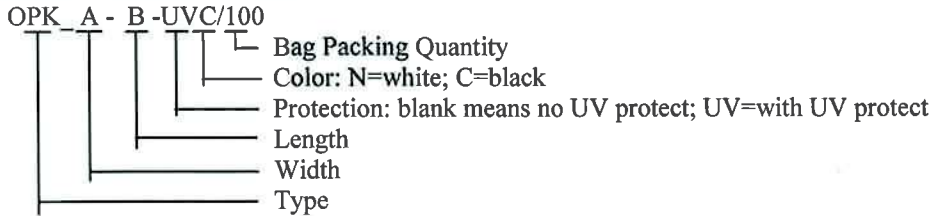
Product description / purpose: non metallic ties for bundling group of electrical cables together.

Material: Polyamide 66.

Ambient temperature: from -40°C to +85°C.

Loop tensile strength, contribution to fire and UV resistance: in accordance with Standard IEC 62275.

Nomenclature breakdown:



Width [mm]	Length [mm]
2,5	60...200
3,6	100...370
4,8	160...550
7,6	200...750
9,0	450...1350

Basis of approval

1. The technical documentation approved by PRS on 2017-02-27.
2. The Quality Management System Certificates (ISO9001) No. 0414Q10204R5M-1 issued by VTI Ltd. valid until 2017-06-23 (document issued for producer) and No. NC-0001 issued by PRS Certification Division valid until 2018-07-03 (document issued for Certificate holder - distributor).
3. PRS Survey Report No. GDA/RdG/20/17 issued on 2017-03-03.
4. Reports from Environmental tests No. BL/005/004/17 Rev. B carried out according to PRS Publication 11/P - „Environmental tests on marine equipment” (in limited scope) and No. 15078948 001 carried out according to Standard IEC 62275.
5. The inspection of the production process and quality control system carried out by PRS on 2017-03-02.

Additional conditions and remarks:

1. Ties with UV protection are to be used in areas affected by sun.
2. When cables are not laid and fixed on top of horizontal tray, metallic cable ties (clips) are to be added at regular distances (at intervals max. 1 m) in order to retain the cable during fire.
3. Assembly is to be carried out according to producer's or distributor's requirements (fastening, max. diameter of cables bundle, etc.).
4. Condition of ties is to be continuously checked during use.
5. Any damaged or used ties are to be immediately replaced with new one.
6. The condition for maintain validity of this Certificate is to maintain validity of both a.m. ISO9001 Certificates.

Notes

- 1 The approval is valid only when the product is used in accordance with the manufacturer's conditions.
- 2 Changes of product design and materials which influence product quality are to be agreed with PRS.
- 3 Type Approval Certificate will be cancelled in the case of dissatisfactory service results, modifications made in the product structure or materials without PRS' consent, not advising PRS of the manufacturer's name change.

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