

TYPE EXAMINATION CERTIFICATE

This is to certify:**That the Lifting Gear**

with type designation(s)
**Power Tex Round Sling (Endless Type),
Suprime (for European market)**

Issued to

**Suhbo Industry Co., Ltd.
Yongin-si, Gyeonggi-do, Republic of Korea**

is found to comply with
**EN 1492-2:2000 Textile Slings – Safety – Part 2: Roundslings made of man-made fibres for
general purpose use**

Application :

Roundslings made of man-made fibres for general purpose use.

Issued at **Høvik** on **2018-08-20**

This Certificate is valid until **2023-08-19**.

DNV GL local station: **Seoul**

for **DNV GL**

Approval Engineer: **Gisle Hersvik**

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**Rikard Törnqvist
Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Examination Certificate and not to the approval of equipment/systems installed.



Product description

Power Tex Round Slings (Endless Type) Suprime (for European market)

- Synthetic Round Slings made from Vectran™ HT 1670 dtex (Polyarylate) fibres (inner threads) and Polyester cover sleeves.

Round Sling WLL (Working Load Limit) range; 10 – 40 tons. Safety Factor 7:1.

Sleeve colour: Orange

WLL [tons]	10	20	30	40
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Remark:

Power Tex / Suprime roundslings are also manufactured for higher WLL (up to 200 tons) than the limit stated in EN 1492-2 and are therefore not covered by this certificate.

Application/Limitation

Roundslings made of man-made fibres for general purpose use. Scope of assessment is related to the manufacture and the break testing of roundslings.

The EN 1492-2 standard specifies the requirements related to safety, including methods of rating and testing roundslings up to 40 tonnes working load limit (in straight lift) and two-, three-, and four-leg roundsling assemblies, with or without fittings.

The roundslings covered by EN 1492-2 are intended for general purpose lifting operations, i.e. when used for lifting objects, materials or goods which require no deviations from the requirements, safety factors or WLL's specified.

Lifting operations not covered by the EN 1492-2 standard include the lifting of persons, potentially dangerous materials such as molten metal and acids, glass sheets, fissile materials, nuclear reactors and where special conditions apply.

Type Examination documentation

Tests carried out

Type Testing carried out in accordance with **Type Examination documentation**, i.e. EN 1492-2 "Textile Slings – Safety – Part 2. Roundslings made of man-made fibres for general purpose use".

Marking of product

Product shall be marked with *manufacturer's name*; **Subho Industry Co., Ltd., Korea**, or *symbol/trade mark, type designation*; **Power Tex / Suprime**, *Working Load Limit, Material, Length, Date of Production/Serial No. and Safety Factor*.

Periodical assessment

The scope of the Periodical Assessment is to verify that the conditions stipulated for the Type Examination is complied with and that no alterations are made to the product design or choice of materials.

Periodical Assessment to be performed after 2 and 3.5 years (Certificate Retention) and at renewal after 5 years (Certificate Renewal).

Job Id: **262.1-016670-3**
Certificate No: **TAS00001JB**

The main elements of the Periodical Assessment are to:

- Ensure that **Type Examination documentation** is available.
- Review design, materials, production process, and performance with respect to possible changes, in order to ensure compliance with **Type Examination documentation** and/or referenced material specifications.
- Ensure traceability between manufacturer's product marking and the DNV GL Type Examination Certificate.

END OF CERTIFICATE