Certificate No: LR2001843TA
Issue Date: 11/07/2019
Expiry Date: 10/07/2024

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**JEIL E&S CO LTD**
Address	309 Chungyeol-Ro, Yangsan-Si, Gyeongnam-do, 50592, Korea
Place of Production	JEIL E&S CO LTD 309 Chungyeol-Ro, Yangsan-Si, Gyeongnam-do, 50592, Korea
Type	Gasket
Description	Insulation Gasket set JIC 9210 – ER, JIC 9230 – ES, JIC 9240 – ER, JIC 9320 – OS JIC 9320 -DOS, JIC 9320 – HP, JIC 9420 – OS, JIC 9440 – IK, JIC 3850-SE(HT)
Trade Name	STARTEC®
Application	Industrial fields, used as Protection of corrosion& electrical insulation in pipeline
Specified Standard	LR Rules and Regulations for the Classification of Ships, Part 5, Chapter 12, July 2019 Manufacture's test standards No. JEIL-13-10-002, JEIL 190610-001
Ratings	Manufacturer's product specification JIC 9210 – ER : Basic 4.0 mm (4.0~ 8.0mm available) JIC 9230 – ES:Basic 3.2 mm (3.0 ~ 8.0mm available) JIC 9240 – ER :Basic 3.2 mm (3.0 ~ 8.0mm available)

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Da-Young Kang

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JIC 9320 – OS: Basic 6.6 mm (6.0 ~8.0mm available)
JIC 9320-DOS: Basic6.6 mm (6.0 ~ 8.0mm available)
JIC 9320 – HP: Basic 6.6 mm (6.0 ~ 8.0mm available)
JIC 9420 – OS: Basic 6.6 mm (6.0 ~ 8.0mm available)
JIC 9440 – IK: Basic 6.6 mm (6.0 ~ 8.0mm available)
JIC 3850-SE(HT): Basic 3.0 mm (3.0~8.0mm available)

Note : The producer's catalogue to be consulted for maximum pressure and temperature ratings.

Other Conditions

- The insulation set is to be installed and maintained in accordance with the manufacturer's instructions.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Asia of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. LR2001843TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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