

Type Approval Certificate Extension

This is to certify that Certificate No. 03/20029 (E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER REIFLEXA P. Reischl GmbH & Co. KG
Am Knick 5
22113 Oststeinbek
Germany

DESCRIPTION	Tube	Reinforcement	Cover
Yellow:	ECO	Nylon text cord	ECO or CR- Chloroprene
Red :	EPDM	Nylon text cord	EPDM
HP :	EPDM	Polymer text cord	EPDM
Green :	CSM-Hypalon	Nylon text cord	CR-Chloroprene
White :	NBR-Nitrile white	Nylon text cord	CR-Chloroprene
-----Flange material on request-----			

TYPE 1 A ; 1 S in versions: "yellow", "red", "HP", "green" and "white"

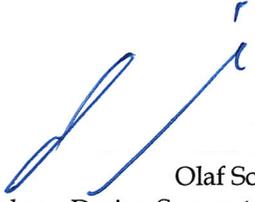
APPLICATION Marine and offshore, viz.: Fresh and sea* water lines; ballast lines in machinery spaces, duct keels and double bottom water ballast tanks; bilge lines inside duct keels only; sanitary discharge and cargo lines (NBR Nitrile black only) inside the cargo oil tanks of tankers.

*Where fitted in sea water lines in machinery compartments, guards are to be provided which will effectively enclose, but not interfere with the action of the expansion joint and which will reduce to the minimum practicable any flow of water in the event of failure of the flexible element.

The expansion joints are to be installed in well visible and accessible locations and protected against over extension and compression and against mechanical damage. The adjoining pipes are to be suitably aligned, supported, guided and anchored. The producer's instructions and recommendations are to be considered.

STANDARD Lloyd's Register Rules and Regulations for the Classification of Ships, Edit 2012

Certificate No. 03/20029 (E2)
Issue Date 23 May 2013
Expiry Date 06 March 2018
Sheet 1 of 2



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