

LR 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 LR Type Approval System.

This certificate is issued to:

PRODUCER	Fibras y Elastomeros S.A. El Juncal s/n Edif. Fuentes 2, local 11 48510 Valle de Trapaga Vizcaya Spain
PLACE OF PRODUCTION	Retuerto, 15 48903 Baracaldo Vizcaya Spain
DESCRIPTION	Non asbestos compressed sheets for gasketing
TYPE	BELPA, Grades: CSA 40 CSA 50 CSA 56 CSA 320 CSA 90 CSC 120
APPLICATION	Soft gaskets for flanged pipe joints.
SPECIFIED STANDARDS	Fibras y Elastomeros Product Specifications

Certificate No.	02/00004
Issue Date	21 January 2002
Expiry Date	20 January 2007
Sheet	1 of 2

Lloyd's Register of Shipping
71 Fenchurch Street, London EC3M 4BS


P.P. Moysey
Marine Support Group
London

RATINGS

	CSA 40	CSA 50	CSA 56	CSA 320	CSA 90	CSC 120
Density (g/cm ³)	>1.45	>1.5	>1.5	>1.6	>1.55	>1.5
Tensile strength (Kg/cm ²):						
Lengthwise :	>120	>220	>180	>190	>230	>240
Crosswise:	>50	>70	>60	>80	>100	>100
Compressibility (%):	7 - 15	7 - 15	7 - 15	7 - 15	7 - 15	7 - 15
Recovery (%):	>40	>40	>40	>45	>45	>45
Gas leakage (cm ³ /min):	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Thickness (mm):

0.5 to 3.0


Sheet size (mm):

1000 to 3000 x 1500

"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 LR of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. 02/00004 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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