

Ställina

Wire Rope/Drahtseile

## CERTIFIKAT

CERTIFICATE/WERKSBSCHENIGUNG

Nr.  
No.

2006-02-20

Lev till/Delivered to	Beställare/Purchaser SF MARINA WALLHAMN AB PROPELLERGÅNGEN 4  417 64 GÖTEBORG
Vår order/Our order	Er order/Your order ANDERS LINDBERG
Längd: Total length/Länge W-730 W-1000 W-1450	m 730 MM- 1000 MM- 1450 MM
Diam: Diam. of rope/Durchmesser	mm 24
Trådantal: Number of wires/Drahtanzahl	st 265
Konstruktion: Construction/Machart	6x36+IWR HÖGER KORS GALV
Stålarea: Steel area/Metallischer querschnitt	mm <sup>2</sup> 262
Tråddiameter: Diam of wire/Drahtdurchmesser	mm
Trådens brottgräns: Tensile strength of wire/Zugfestigkeit des Einzeldrahtes	N/mm <sup>2</sup> 1770/1960
Linans brottlast min: Guaranteed Breaking Load/Min. Bruchlast des Seiles	kg 37000
Anm.: WIRE ROPE IS FITTED WITH SWAGED END TERMINALS M-48 THARED. MIN BREAKING LOAD 33 TON	<b>CERTEX Svenska AB</b> Box 8713, 402 75 GÖTEBORG Tel. 031-50 86 50 Fax 031-51 82 81, 23 24 90

Härmed intygas att ställinan levererade enligt detta certifikat överensstämmer med ovanstående specifikation samt att gällande normer och föreskrifter är uppfyllda.  
We hereby certify that the Steel Wire Rope supplied against this certificate comply with the above specification and are in accordance with standards and requirements.

Datum/Date

2006-02-20

Underskrift/Signature

Mikael Jonsson

**CERTEX**

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## **LABORATORY TEST CERTIFICATE / CERTIFICATE OF CONFORMANCE.**

Client : Fentek Scandinavia (O/N 13885)

Date: 13/7/05

Certificate No : TC/323ff/05

6514134

Product : OD250 x 750mmL W400 Rubber Connectors (20 pieces)  
OD250 x ID75 x 650mmL W400LT Rubber Connectors (15 pieces)

Production No: 1000609 & 1000611

Compound : 1730 Series

Specification : Type B

Property	Test Method	Result	Specification
Hardness (Shore A)	ASTM D2240	71	78 max.
Tensile Strength (MPa)	ASTM D412	16.15	13 min.
Elongation @ Break (%)	ASTM D412	330	300 min.
Tear Strength (kN/m)	ASTM D624 (B)	72.91	50 min.
Compression Set (%) (22hrs @ 70 ° C)	ASTM D395 (B)	23.93	40 max.
Ageing (96hrs @ 70 ° C)	ASTM D573		
a) Hardness Change (Sh.A)		+3	+6 max.
b) Tensile Strength (MPa)		15.48	11.0 min.
c) Elongation @ Break (%)		260	225 min.
Ozone Resistance (1 ppm/100hrs/20%/40° C)	ASTM D1149	No Cracks	No Cracks
Abrasion Resistance (ccs)	BS 903 – A9 (B)	0.3586	0.5 max.

The above values are for tests carried out under strict laboratory conditions using specimens prepared from batches of unvulcanised compound.



Roger Jarvis  
Technical Manager