

Cortland
FIBRON BX

SAOS/UMB/06

The Cortland Companies
Cortland Cable
Cortland Fibron BX
Puget Sound Rope

PRESSURE TEST CERTIFICATE

Unit 2, RD Park,
Stephenson Close,
Hoddesdon
Herts EN11 0BW England

+44(0) 1992 471444
Fax +44(0) 1992 471555
www.thecortlandcompanies.com

Product: DSUS004 Client: Submarine Manufacturing
& Products Ltd

P/O No: 027589

W/O No: 11614

Length(s): 175mtrs

Certificate No: 12234/1

PRESSURE TESTS

Hose Ref.	Nominal Bore, (mm/inch)	Working Pressure, (bar/psi)	Fitting Reference.		Test Pressure*, (bar/psi for 2 min)
			Dry/bell end.	Wet/diver end.	
FBL06G	9.5 / 0.375	34.5 / 500	FPBSF/M/06-06JIC	FPBSF/M/06-06JIC	51.8 / 750
FBL04P	6.3 / 0.25	34.5 / 500	FPBSF/M/04-04JIC	FPBSF/M/04-04JIC	51.8 / 750

* Unless otherwise stated, pressure test(s) shall be performed with clean mains water.

ADDITIONAL TESTS

Component	Test Description	Test Parameter(s)
N/A	----	----

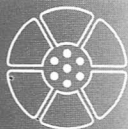
We certify that the product(s) detailed hereon have been inspected and tested / conform in all respects with Cortland Fibron BX Ltd specification(s) and, unless otherwise stated, conform in all respects with the requirements of the contract or order.

Signed: 
For Cortland Fibron BX Ltd.

Dated: 02/11/10

Signed: _____
For third party witness (where relevant).





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ELECTRICAL TEST CERTIFICATE

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Hoddesdon
Herts EN11 0BW England

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Fax +44(0) 1992 471555
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Product: DSUS004 Client: Submarine Manufacturing
& Products Ltd

P/O No: 027589

W/O No: 11614

Certificate No: 12234/2

Length(s): 175mtrs

DCS0001:

ROUTINE TESTS

Component	Conductor Resistance (Ω /km max. @ 20°C)	Insulation Resistance (M Ω .km min. @ 500 V _{dc})		
		Core / Core	Core / Screen	Screen / Screen
0.5 mm ² STP (x 2):	41.5	500	250	----
Drain wire:	Test continuity (measure and record CR).			

DCS0005:

ROUTINE TESTS

Component.	Conductor Resistance. (Ω /km max. @ 20°C).	Insulation Resistance (M Ω .km min. @ 500 V _{dc}).		
		Core / Core.	Core / Screen.	Screen / Screen.
1.34 mm ² STP:	15.0	500	250	----
0.5 mm ² STP:	41.0	500	250	----
0.22 mm ² TP:	94.0	500	250	----
1.34 mm ² single:	15.5	500	250	----
CXMC75 inner:	147.0	----	500	----
CXMC75 outer:	36.5	----	----	100

ADDITIONAL TESTS

Component	Test Description	Test Parameter(s)
N/A	----	----

We certify that the product(s) detailed hereon have been inspected and tested / conform in all respects with Cortland Fibron BX Ltd specification(s) and, unless otherwise stated, conform in all respects with the requirements of the contract or order.

Signed: Siedziala
For Cortland Fibron BX Ltd.

Dated: 28/10/10

Signed: _____
For third party witness (where relevant).

