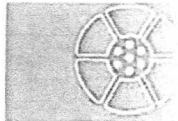


SADS /UMB/07



FIBRON BX

The Cortland Companies
Cortland Cable
Cortland Fibron BX
Puget Sound Rope

PRESSURE TEST CERTIFICATE

Product DSUS004 Client SUBMARINE MANUFACTURING & PRODUCTS LTD P/O No: S24136/13999
Length(s): 175mtrs W/O No: 10763 Certificate No: 10700/1

Unit 2, RD Park,
Stephenson Close,
Hoddesdon,
Herts EN11 0BW England
+44(0) 1992 471444
Fax +44(0) 1992 471555
www.thecortlandcompanies.co.uk

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/driver 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	TEST FITTING	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: Siedkialex
For Cortland Fibron BX Ltd.

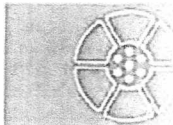
Dated: 17.11.09

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



Registration No. 2094347

SADS-UMB_07 - INITIAL



FIBRON BX

The Cortland Companies
Cortland Cable
Cortland Fibron BX
Puget Sound Rope

ELECTRICAL TEST CERTIFICATE

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

Product: DSUS004 Client: SUBMARINE MANUFACTURING & PRODUCTS LTD P/O No: S24136/13999
Length(s): *175 mtrs* W/O No: 10763 Certificate No: 10700/2

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

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: *Stephenson*
For Cortland Fibron BX Ltd.

Dated: *17/11/09*

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



SUBMARINE MANUFACTURING & PRODUCTS LTD.

Worldwide Suppliers of Diving, Hyperbaric and Subsea Equipment



Blackpool Road - Newton - Preston - Lancs. PR4 3RE. UK

Tel: +44-1772 687775 Fax: +44-1772 687774 E-mail: sales@smp-ltd.co.uk

Sub Aqua Diving Services (57)
17 Tame Road
Lawson Ind Estate
North Ormesby
Middlesbrough

Issued: 26-Nov-2009
Expires: 25-Nov-2011

TS3 6LL

Customer File Copy

Umbilical Test Certificate

Certificate Number 6285/4-1

Test Results	
Serial No:	6285 / Cortland Cert No: 10700/1
SMP Stock No:	N/A
Umbilical Description	SURFACE DEMAND
Manufacturer	CORTLAND FIBRON
Umbilical Length	175 METERS
Divers Hose T.P./Size	See Cert No: 10700/1
Diver Hose W.P.	See Cert No: 10700/1
Pneumo Hose T.P./Size	See Cert No: 10700/1
Pneumo Hose W.P.	See Cert No: 10700/1
Hot Water Hose T.P./Size	N/A
Hot Water Hose W.P.	N/A
Divers Return Hose T.P./Size	N/A
Diver Return Hose W.P.	N/A
Test Medium	WATER
Test Duration	See Cert No: 10700/1
Comms Cable Size	N/A
Comms Cable Insulation	7.8 G OHM
Comms Cable Continuity	7.5 OHMS
TV Cable Size	N/A
TV Cable Insulation	14.8 G OHM
TV Cable Continuity	8 OHMS
Power Cable Size	N/A
Power Cable Insulation	N/A
Power Cable Continuity	N/A
Pass?	PASS
Test Engineer	M.HOLT
Witness	A.MINCHIN
Test Date	26/11/09

We hereby certify that the above equipment conforms with the relevant specification.

Work done by:

Inspected by:

For and on behalf of SUBMARINE MANUFACTURING & PRODUCTS LTD.

IMCA D018.28