

NEXTUBE  
 Attention: Mr D Mtimkulu  
 P O BOX 98396  
 Sloane Park  
 2152

Your ref : Order N<sup>o</sup> : 5012  
 Our ref : Wr472  
 Enquiries : E Sename  
 ☎ : (012) 428-6057  
 N<sup>o</sup> : 7222/2329707/Wr472(A)  
 Page : 1 of 3  
 Date : 2004-01-19

## TESTING TO BS EN 50086-2-4:1994 Amended

### 1 DESCRIPTION OF SAMPLE

The following sample was submitted by Mr D Mtimkulu of Nextube.

<u>SABS Sample No.</u>	<u>Quantity</u>	<u>Sample Description</u>
Wr472 A	12 x 200mm 1 x 1m	HDPE cable conduit DN50mm
Wr472 B	12 x 200mm 1 x 1m	HDPE cable conduit DN75mm
Wr472 C	12 x 200mm 1 x 1m	HDPE cable conduit DN110mm
Wr472 D	12 x 200mm 1 x 1m	HDPE cable conduit DN160mm

### 2 SAMPLE SUBMITTED

The sample was received in good condition and suitable for testing.

Date sample received : 14-11-2003  
 Test commencement date : 17-11-2003  
 Test completion date : 27-11-2003 / 16-01-2004 Amended

### 3 TEST REQUESTED

To test the sample submitted with the requirement of BS EN 50086-2-4:1994 for the following tests:

Compression, Impact resistance and Dimensions.

Amended by adding Markings and Resistance to ingress of foreign objects.

### 4 METHODS OF TESTING

Methods used according to : BS EN 50086-2-4:1994.

### 5 CONDITIONING AND TEST ENVIRONMENT

23 ± 2°C , 50 ± 5% relative humidity.

6 SUB CONTRACTING OF LABORATORIES

All tests were performed by the Rubber & Plastics Laboratory Testing and Conformity Services.

7 RESULTS

PROPERTY	REQUIREMENT	RESULTS			
		Wr472 A 50mm	Wr472 B 75mm	Wr472 C 110mm	Wr472 D 160mm
Compression, N	450 minimum	554	734	550	487
Dimensions, mm					
- 50mm	50 minimum – 51 maximum	50.04	-	-	-
- 75mm	75 minimum – 76.4 maximum	-	75.03	-	-
- 110mm	110 minimum – 112 maximum	-	-	110.72	-
- 160mm	160 minimum – 162.9 maximum	-	-	-	160
Impact resistance	There shall be no sign of disintegration nor shall there be crack allowing the ingress of light or water between the inside and the outside.	Complies	Complies	Complies	Complies
Marking	Shall be marked on the product with :				
	a) Name or trade mark of the manufacture;	Complies (Nextube)	Complies (Nextube)	Complies (Nextube)	Complies (Nextube)
	b) Product identification;	Complies (DN 50)	Complies (DN 75)	Complies (DN 110)	Complies (DN 160)
	c) Type of product;	Complies (Type N)	Complies (Type N)	Complies (Type N)	Complies (Type N)
Legibility of marking	Easily legible	Complies	Complies	Complies	Complies
Durability of marking					
a) After rubbing with water for 15seconds	Legible	Complies	Complies	Complies	Complies
b) After rubbing with petroleum spirit for 15seconds	Legible	Complies	Complies	Complies	Complies
Resistance to ingress of solid objects	IP3X minimum	Complies (IP4X)	Complies (IP4X)	Complies (IP4X)	Complies (IP4X)

This test was performed by Testing and Conformity Services (Pty) Ltd, an affiliate of the SABS. This report relates only to the specific sample(s) tested as identified herein. It does not imply SABS approval of the quality and/or performance of the item(s) in question and the test results do not apply to any similar item that has not been tested. (Refer also to the complete conditions printed on the back of official test reports.)

8 **CONCLUSION**

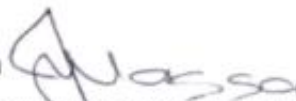
The sample tested complies with the requirements of BS EN 50086-2-4:1994 with respect to the tests conducted.

E Sename



TEST OFFICER: RUBBER AND PLASTICS

J Massa



TEAM LEADER: RUBBER AND PLASTICS

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