



## Test Report

No. 10074756/06

Date : 8 January 2007

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Report on the submitted sample said to be Insulation Tube.

Sample Description : Yoku PVC Flexible Insulation Tube (YK Series) with DEN0088 Termal Ribbon Black Ink Printed

Sample Receiving Date : 28 December 2006

Testing Period : 28 December 2006 to 8 January 2007

Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives

Test Method :

- (1) With reference to US EPA Method 3051A for Cadmium Content.  
Analysis was performed by Inductively Coupled Plasma-Atomic Emission Spectrometry (ICP / AES).
- (2) With reference to US EPA Method 3051A for Lead Content.  
Analysis was performed by Atomic Absorption Spectrometer (AAS).
- (3) With reference to US EPA Method 3051A for Mercury Content.  
Analysis was performed by Inductively Coupled Plasma-Atomic Emission Spectrometry (ICP / AES).
- (4) With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium.  
Analysis was performed by UV-Visible Spectrometry (UV/Vis Spectrometry).
- (5) With reference to EPA Method 3550C for PBB / PBDE Content.  
Analysis was performed by Gas Chromatography-Mass Spectrometer (GC/MS).

Test Result(s) : Please refer to next page(s).

Conclusion : Based on the performed tests on submitted samples, the results **comply with** the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of  
SGS Testing & Control Services Singapore Pte Ltd

  
Y.C. Tham  
Laboratory Manager

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Test results by chemical method (Unit: mg/kg)

Test Item(s):	Method (refer to)	Results	MDL	RoHS Limit
Cadmium(Cd)	(1)	n.d.	2	100
Lead (Pb)	(2)	n.d.	2	1000
Mercury (Hg)	(3)	n.d.	2	1000
Hexavalent Chromium (CrVI)	(4)	n.d.	2	1000
<b>Sum of PBBs</b>	<b>(5)</b>	<b>n.d.</b>	<b>-</b>	<b>1000</b>
Monobromobiphenyl		n.d.	5	-
Dibromobiphenyl		n.d.	5	-
Tribromobiphenyl		n.d.	5	-
Tetrabromobiphenyl		n.d.	5	-
Hexabromobiphenyl		n.d.	5	-
Pentabromobiphenyl		n.d.	5	-
Heptabromobiphenyl		n.d.	5	-
Octabromobiphenyl		n.d.	5	-
Nonabromobiphenyl		n.d.	5	-
Decabromobiphenyl		n.d.	5	-
<b>Sum of PBDE (Mono to Nona)(Note 4)</b>		<b>n.d.</b>	<b>-</b>	<b>1000</b>
Monobromodiphenyl ether		n.d.	5	-
Dibromodiphenyl ether		n.d.	5	-
Tribromodiphenyl ether		n.d.	5	-
Tetrabromodiphenyl ether		n.d.	5	-
Pentabromodiphenyl ether		n.d.	5	-
Hexabromodiphenyl ether		n.d.	5	-
Heptabromodiphenyl ether		n.d.	5	-
Octabromodiphenyl ether		n.d.	5	-
Nonabromodiphenyl ether		n.d.	5	-
Decabromodiphenyl ether		n.d.	5	-
<b>Sum of PBDEs (Mono to Deca)</b>		<b>n.d.</b>	<b>-</b>	<b>-</b>

Note : (1) mg/kg = ppm

(2) n.d.= Not Detected

(3) MDL = Method Detection Limit

(4) Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.

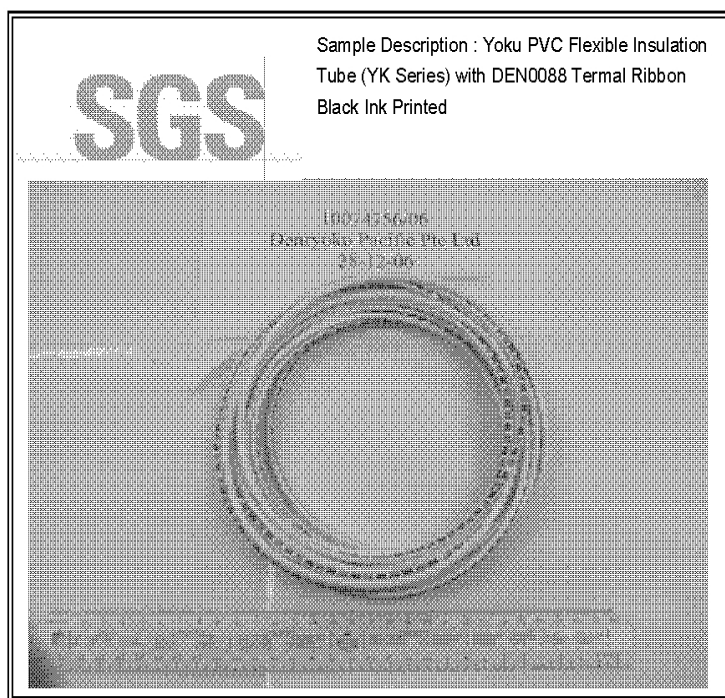
(5) "-" = Not regulated

(6) " --- " = Not Conducted

Remarks : Sample received was totally dissolved by preconditioning & destroyed after the analysis.

Lab Analyst : Christine Choy, Fu Huiyan & Jessica Chong.

Sample photo :



SGS authenticate the photo on original report only

\*\*\*End of Report\*\*\*