

TEST REPORT

Report No. : CH:TX:2420034702

DATE : 16/06/2011

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION GLOVES
POWDER-FREE NITRILE EXAMINATION GLOVE
COLOUR BLUE
SIZE L
LOT NO. E310511-1
PHOTO APPENDIX.



SAMPLE RECD ON
TEST(S) REQUIRED

07/06/2011 **TESTING PERIOD : 07/06/2011 - 16/06/2011**
MINIMUM LIQUID PROOF LENGTH, RESISTANCE TO PENETRATION, CHEMICAL
PERMEATION

Summary of Test Results		
EN 374-1 (Clause No.)	Test Name	Status / Performance Level
5.1	Minimum Liquid Proof Length	
	Size L	Pass
5.2	Resistance to penetration	
	Air Leakage	Pass
	Water Leakage	Pass
5.3	Resistance to Permeation by Chemicals	
	Methanol	Class 2
	Acetonitrile	Class 0
	n-Heptane	Class 3
	Sodium Hydroxide 40%	Class 6

per pro SGS India Private Ltd.

Authorised Signatory

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RESULTS

EN 374-1: 2003 Minimum Liquid Proof Length

Clause	Test Name	Results		Average	Requirements as per EN 420: 2003 (5.1.2)	Status
5.1	Minimum Length of Glove Declared size - L	292	292	292	250	Pass

EN 374-2: 2003 Determination of Resistance to penetration

Clause	Test Name	Observation
5.2	Air leak test	No leakage
5.3	Water leak test	No leakage

Note: Air pressure used is 0.5 kPa.

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RESULTS

EN 374-3:2003 Protective Gloves against Chemicals and Micro Organisms – Determination of resistance to permeation by chemicals

Chemical CAS NO	Code Letter	Permeation Rate ($\mu\text{g}/(\text{min}.\text{cm}^2)$)	Mean thickness (mm)	Break through time (minutes)	Performance level	Observation
Methanol 67-56-1	A	1.0	0.12 (P) 0.11 (B) 0.10 (W)	38 37 35	Class - 2	Slightly swollen
Acetonitrile 75-05-8	C	1.0	0.11 (P) 0.11 (B) 0.10 (W)	9 9 8	Class -0	Severely swollen
n-Heptane 142-85-5	J	1.0	0.12 (P) 0.11 (B) 0.10 (W)	105 91 76	Class -3	Slightly swollen
Sodium hydroxide 40% 1310 - 73 -2	K	1.0	0.12 (P) 0.11 (B) 0.10 (W)	>480 >480 >480	Class - 6	Slightly colour change

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