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For the attention of: Masayuki Gotoh

Technical Report

Subject: Gloves referenced Fancylove III for permeation testing in accordance with EN374-3:2003 against 96% Sulphuric acid and 37% hydrochloric acid

Your ref:

Our ref: CHM0190763/MP Date: 10th January 2011

Conditions of Issue:

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

Tests marked † fall outside the UKAS Accreditation Schedule for SATRA. All interpretations of results of such tests and the comments based upon them are outside the scope of UKAS accreditation and are based on current SATRA knowledge.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

The uncertainty of the results in this report is based on a standard uncertainty multiplied by a coverage factor k=2, which provides for a confidence level of approximately 95%.



Technical Report



WORK REQUESTED

Samples of gloves referenced Fancylove III were received on the 4th January 2011 for testing in accordance with EN 374: 2003 part 3 and with the performance requirements of EN 374 part 1: 2003

CONCLUSION

When tested in accordance with EN 374 part 3: 2003 the samples of gloves referenced FancyloveIII achieved the following performance levels. Testing completed on the 7th January 2011. The full results are given in the tables below.

Chemical	Performance level		
96% Sulphuric acid			
37% Hydrochloric acid	6		

TESTING REQUIRED:

- BS EN 374: 2003 Protective gloves against chemicals and micro-organisms Part 1: Terminology and performance requirements.
- BS EN 374: 2003 Protective gloves against chemicals and micro-organisms Part 3: Determination of resistance to permeation by chemicals.

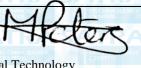
RESULTS AND REQUIREMENTS

The performance levels are as given in table 1 of EN 374 part 1: 2003 and are based on the lowest individual result achieved per chemical.

EN 374-1: 2003 Table 1. Permeation performance levels

Permeation performance Level	Measured breakthrough Time (minutes)
1	>10 minutes
2	>30 minutes
3	>60 minutes
4	>120 minutes
5	>240 minutes
6	>480 minutes

Signed: M. Peters Technologist





Technical Report



Test/Property	Specimen	Results	ANUA	Performance
		Chemical: 96% Sulphuric acid		
EN 374-3:2003	4 1 6	Detection system: Conductivity		1 45 16 1
Chemical Permeation	Fancylove III	Collection medium: De ionised water Loop system: Closed Test temperature: 23°C		
TAATIT	A my A			PART MAN
OHANU	AMY 2	Sample	Breakthrough	THE ZU
Comprehensive exil	Mark Land	thickness (mm)	time (mins)	
The Participation of the Parti	1	0.25	29	Level 1
AMI ZUI	2	0.24	27	UAN
	3	0.30	33	
	Mean	0.26	30	
CHIMO	Lowest result	Water and	27	
Appearance of sample	No change			
after testing				Supplemental V

Test/Property	Specimen	Results		Performance
		Chemical: 37% Hydrochloric acid		
EN 374-3:2003		Detection system: Conductivity		
Chemical Permeation	Fancylove III	Collection medium: De ionised water		17
		Loop system: Closed	Master N.	
		Test temperature: 23°C		AL SECTION OF
The same		Sample	Breakthrough	Time and
		thickness (mm)	time (mins)	
	1	0.26	>480	Level 6
I DY OOR	2	0.23	>480	TI KUTUT
AHY-201	3	0.28	>480	
	Mean	0.26	>480	
	Lowest result		>480	937 DO
Appearance of sample	No change		MINUM	TI ZU
after testing				



Technical Report



TERMS AND CONDITIONS OF BUSINESS

GENERAL. 1.

Work done or services undertaken are subject to the terms and conditions detailed below and all other conditions, warranties and representations, expressed or implied are hereby excluded.

2. PRICES

Prices are based on current material and production costs, exchange rates, duty and freight and are subject to change without notice.

3. **DELIVERY ESTIMATES**

Delivery estimates are made in good faith and date from receipt of a written order and full information to enable us to proceed. While SATRA or its subsidiaries (hereafter referred to as "SATRA") make every effort to fulfil them, such estimates are subject to unforeseen events and if not maintained, cannot give rise to any claim. Offers "ex stock" are subject to prior sale.

4. CANCELLATION AND RETURNS

Cancellation of orders for goods, services, training or consultancy is only acceptable by prior agreement of SATRA and a charge will normally be

CLAIMS

Claims for errors, shortages etc should be notified within 10 days of date of receipt. In the event of goods damaged in transit, packing materials should be retained for examination; otherwise no liability can be accepted.

Payment terms are net 21 days from date of invoice. Failure to comply with the terms of payment may result in delayed delivery of goods and services and a review of the Customer's credit account. Should the customer become subject to an administration order, or becomes bankrupt or goes into liquidation, SATRA has a right to cancel any contract and discontinue any work. SATRA reserves the right to adjust US Dollar and Euro sales price where customer exceeds credit terms and where the exchange rate has moved more than 10% since invoicing.

7. RETENTION OF TITLE

All goods remain the property of SATRA until paid in full. Under no circumstances will a customer's purchase order override our Retention of Title clause. In the case of software, the ownership of the software remains with SATRA. Payment of invoices in full will entitle the customer to use the software under licence until (a) they cease to be a member of SATRA or (b) they cease trading. In both instances, the licence shall then revert to SATRA.

8. **GUARANTEE**

All goods manufactured by SATRA are guaranteed both as regards material and workmanship. Any part returned carriage paid, within twelve months from date of supply and found defective, will be repaired or replaced at SATRA's option free of charge. SATRA admits no liability for loss, damage or delay consequent on any defect in any goods supplied by SATRA.

9.

Results given in test reports refer only to samples submitted for analysis and tested by SATRA. A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in a test report.

Unless otherwise agreed in advance, test samples will be disposed of 6 weeks after the date of the final report. If required, samples can be returned at the Customer's expense.

RESPONSIBILITY

Every effort is made to ensure accuracy in description, drawings and other information in correspondence, catalogues, etc but no warranty is given in this respect and SATRA shall not be liable for any error therein. SATRA carries out all tests and/or advises only on the basis that the same are carried out, made or given without any responsibility whether for negligence or otherwise. SATRA and its servants or agents will not be liable for any damage or loss direct or indirect of whatsoever kind, whether or not the same results directly or indirectly from negligence on the part of SATRA or its servants or agents.

CONFIDENTIALITY

Unless specifically excluded in the terms of an individual contract between SATRA and its Customer, the following shall apply to all reports, advice, drawings, photographs, specifications or data:

- The above shall not be disclosed to third parties or used in litigation without the consent of SATRA.
- Where SATRA has given consent to disclosure, the Customer shall draw the attention of the third party to these terms of business and the basis on which SATRA undertakes test, reporting and advising. The Customer shall indemnify SATRA for any failure to do so.
- iii. The above items are submitted to the Customer as confidential documents. Confidentiality shall continue to apply after completion of the business, but shall cease to apply to information or knowledge which may come into the public domain.

CONSTRUCTION AND ARBITRATION 13.

The laws of England shall govern all contracts and the parties submit to exclusive jurisdiction of the courts of England, unless otherwise agreed.

Issue Date: 1st October 2009