

Test Report No. 7191236988-EEC20-WBH
dated 27 May 2020



PSB Singapore

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SUBJECT:

Testing of Glove submitted by Sri Trang Gloves (Thailand) Public Company Limited (Trang Branch) on 08 May 2020.

TESTED FOR:

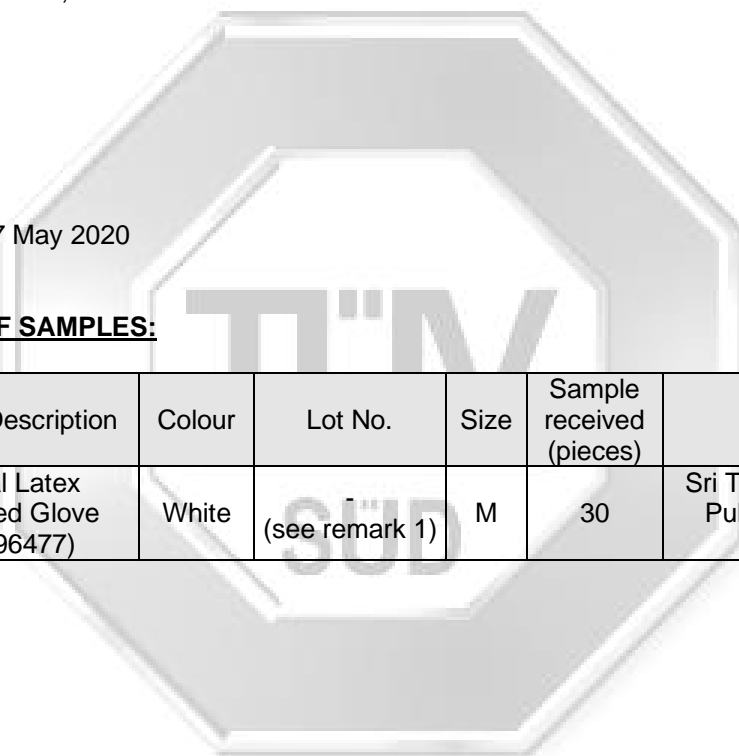
Sri Trang Gloves (Thailand) Public Company Limited (Trang Branch)
85 Moo 6, Khuan Thani,
Kantang, Trang,
92110, Thailand

TEST DATE:

08 May 2020 to 27 May 2020

DESCRIPTION OF SAMPLES:

S/N	Product Description	Colour	Lot No.	Size	Sample received (pieces)	Manufacturer
1	Natural Latex Powdered Glove (200096477)	White	(see remark 1)	M	30	Sri Trang Gloves (Thailand) Public Company Limited (Trang Branch)



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Laboratory:
TÜV SÜD PSB Pte. Ltd.
No.1 Science Park Drive
Singapore 118221

Phone : +65-6885 1333
Fax : +65-6776 8670
E-mail: enquiries@tuv-sud-psb.sg
www.tuv-sud-psb.sg
Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
1 Science Park Drive, #02-01
Singapore 118221
TUV[®]

METHOD OF TEST:

As requested by client, the test was conducted as follows:

EN 455-2:2015 Medical gloves for single use
Part 2: Requirements and testing for physical properties

- Clause 5 Strength

Width of narrow portion of dumb-bell die	:	3mm
Dumb-bell test piece per glove	:	1
Dumb-bell test pieces tested	:	13 test pieces as-received & 13 test pieces after challenge testing only

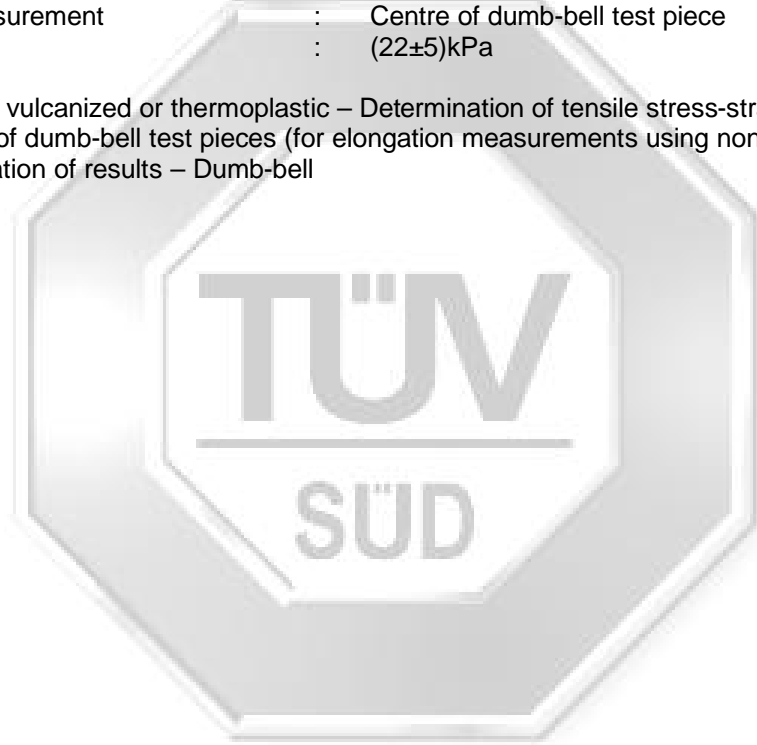
ISO 23529:2010 Rubber - General procedures for preparing and conditioning test pieces for physical test methods

- Clause 7.1 Measurement of the dimensions of test pieces – Method A: For dimensions less than 30 mm

Location of measurement	:	Centre of dumb-bell test piece
Foot pressure	:	(22±5)kPa

ISO 37:2011 Rubber, vulcanized or thermoplastic – Determination of tensile stress-strain properties

- Clause 11 Marking of dumb-bell test pieces (for elongation measurements using non-contact extensometer)
- Clause 15.1 Calculation of results – Dumb-bell



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RESULTS:

Sample: Natural Latex Powdered Glove (200096477), Size M

Table 1: Results for samples as-received

S/N	Thickness (mm)	Tensile Stress @ 500% elongation (MPa)	Tensile Strength (MPa)	Force at Break (N)	Elongation at Break (%)
1	0.103	9.27	26.41	8.16	715.40
2	0.098	8.79	26.83	7.89	734.45
3	0.097	8.14	25.32	7.37	733.75
4	0.100	8.99	25.71	7.71	710.53
5	0.101	6.51	23.79	7.21	768.54
6	0.099	7.73	24.73	7.34	735.17
7	0.095	8.29	25.97	7.40	730.87
8	0.101	9.02	24.48	7.42	697.73
9	0.096	7.74	26.12	7.52	748.63
10	0.099	8.24	26.39	7.84	740.88
11	0.101	8.31	23.31	7.06	702.12
12	0.098	7.37	25.33	7.45	748.37
13	0.102	8.85	25.40	7.77	705.11
Median	0.099	8.29	25.40	7.45	733.75
Mean	0.099	8.25	25.37	7.55	728.58
Minimum	0.095	6.51	23.31	7.06	697.73
Maximum	0.103	9.27	26.83	8.16	768.54

Table 2: Results for samples after challenge testing

S/N	Thickness (mm)	Tensile Stress @ 500% elongation (MPa)	Tensile Strength (MPa)	Force at Break (N)	Elongation at Break (%)
1	0.099	7.48	23.89	7.10	729.77
2	0.103	8.28	25.66	7.93	721.14
3	0.100	6.69	23.54	7.06	752.09
4	0.100	9.08	24.21	7.26	688.29
5	0.098	8.36	25.28	7.43	716.01
6	0.107	7.42	23.22	7.45	724.40
7	0.101	8.22	22.50	6.82	693.11
8	0.105	9.05	22.91	7.22	675.94
9	0.103	8.76	25.33	7.83	707.31
10	0.097	7.45	25.84	7.52	751.40
11	0.096	9.05	25.17	7.25	702.05
12	0.105	8.12	26.14	8.23	731.50
13	0.098	7.85	26.29	7.73	736.34
Median	0.100	8.22	25.17	7.43	721.14
Mean	0.101	8.14	24.61	7.45	717.64
Minimum	0.096	6.69	22.50	6.82	675.94
Maximum	0.107	9.08	26.29	8.23	752.09

REMARK:

- Lot number was not provided by client.

Yeo Poh Kwang
Associate Engineer

Wong Bee Hui
Product Manager
Medical Health Services (NAM)

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APPENDIX:



Photo: Natural Latex Powdered Glove (200096477), Size M



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July 2011

