INTEGRITY™
CLEANROOM PRODUCTION SOLUTIONS

PRODUCT

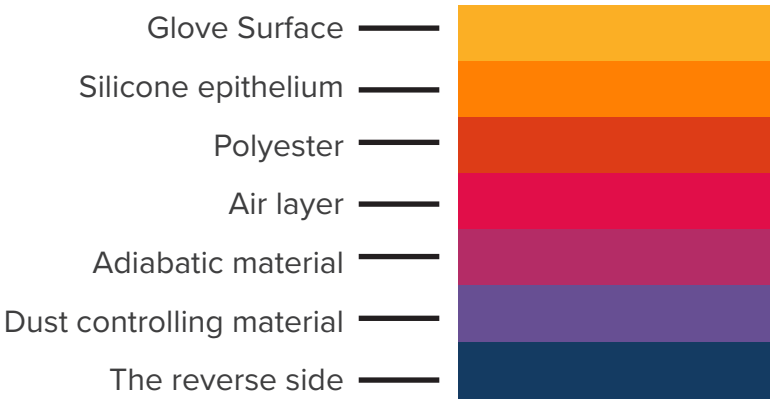
Silicone Heat Resistant Gloves

TECHNICAL DATASHEET

DESCRIPTION

Made from Special Silicone/Polyester mix, these gloves provide heat protection up to 400°C. They are available in three different lengths: 270mm, 400mm and 550mm.

COMPOSITION



FEATURES

- Designed to use in cleanroom and food preparation
- Recommended to be used within -196~200°C (Sustainable up to maximum 400°C)
- Superior elasticity
- Outer waterproof coating to glove
- ISO 4

APPLICATIONS

- Handling food
- Dealing with dry ice
- Dealing with liquid nitrogen
- Working in a Cleanroom
- Working with hot items
- Sterilsation (autoclave)
- Hot water and steam work

PRODUCT CODE	TYPE	SIZE	LENGTH (mm)	MATERIAL	THICKNESS
602-0324	H200	L	270	Special Silicone/ Polyester	2.95mm (Polymer & Liner)
602-0356	H200-40	L	400		
602-0358	H200-55	L	550		

To request a quotation or for more information, please call **+44 (0)1473 836205**
email **info@integritycleanroom.co.uk** or visit **www.integritycleanroom.co.uk**

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DIMENSIONS

602-0324

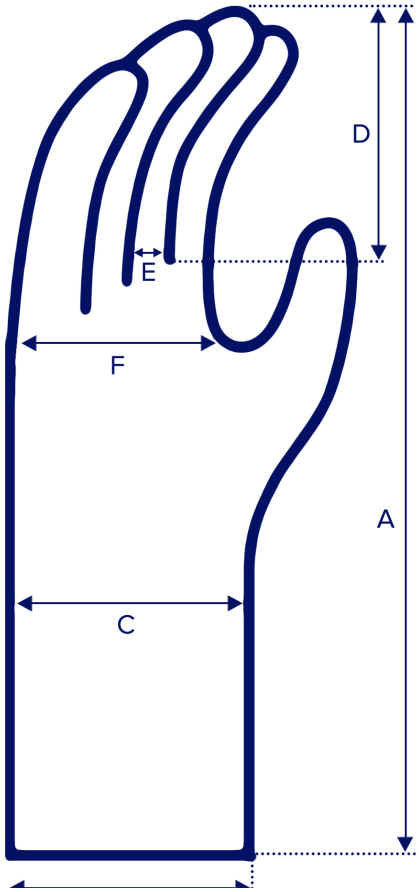
SIZE	A	B	C	D	E	F
S	270	130	115	70	38	111
L	270	137	127	76	43	130
LL	280	139	127	79	50	139

602-0356

SIZE	A	B	C	D	E	F
L	400	215	132	74	45	131
LL	400	214	139	81	54	145

602-0358

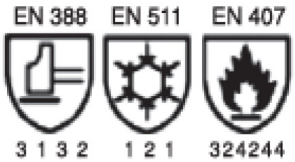
SIZE	A	B	C	D	E	F
L	550	231	137	74	42	131



- C is measuring the position of approximately 20cm from the middle finger destination.
- F shows around the palm of the hand.
- E the thickness of the fingers. Near the centre of the finger.
- B, C, E, the dimensions of the F numerical was flattened to the site.
- May vary with the above dimensions for improvement.
- Unit mm.

LENGTH COMPARISONS

REMARK



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COMBUSTION GAS TEST (JIS K 2541)

TEST ITEM/SAMPLE NAME	FOR HEAT	LOWER LIMIT
Hydrogen fluoride (HF)	passed	0.1
Hydrogen chloride (HCl)	passed	0.1
Hydrogen bromide(HBr)	passed	0.1
Hydrogen cyanide (HCN)	0.012	0.005
Sulfur oxides (SOx) (SO_2 Conversion)	passed	0.1
Nitrogen oxide (NOx) (NO_2 Conversion)	4.6	0.5

800 is a test to burn at ± 50°C.
Test request destination : Chemicals Evaluation and Research Institute
Test Date : 16 Oct 2005 (Unit : mg / g)

ANALYTICAL TEST

TEST ITEM	PROTECTION AGAINST COLD	FOR HEAT
Material testing	Limit below	Limit below
Dissolution test	passed	passed
	passed	passed
	passed	passed
	passed	passed
	passed (5ppmbelow)	passed (5ppmbelow)

Food , were tested in accordance with the third of the three rubber equipment or containers and packaging of D of the standard criteria of the additives, etc. (1959 Ministry of Health and Welfare Notification No. 370)

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DISSOLUTION TEST

TEST ITEM	FOR HEAT
Bromine ion (Br^-)	passed
Calcium (Ca)	passed
Chlorine ion (Cl^-)	0.1
Fluorine ion (F^-)	passed
Sodium (Na)	0.05
Nitrate ion (NO_3^-)	passed
Phosphate ion (PO_4^{3-})	passed
Potassium (K)	0.05
Copper (Cu)	passed

Not detected most of the material, it has proven the safety of the gloves.
Test Date : September 28, 2005 (Unit : mg / ℓ)
Test request destination : Chemicals Evaluation and Research Institute

IGNITION POINT TEST (ASTM E 659)

MEASURED TEMPERATURE / SAMPLE NAME	OUTER	INNER
Ignition point (°F)	838	84

Test request destination : Chemicals Evaluation and Research Institute
Test Date : September 20, 2005

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