KYO-300

















PERFORMANCE LEVELS

EN388: 4442C						
ABRASION	0	1	2	3	4	
CUT	0	1	2	3	4	5
TEAR	0	1	2	3	4	
PUNCTURE	0	1	2	3	4	
CUT TDM TEST NEW EN388	Α	В	С	D	E	F
IMPACT	Х			Р		

ANSI CUT: A3			
Number of grams: 1409			
A1	Light (200 – 499 g)		
A2	Light to medium (500 – 999 g)		
<u>A3</u>	Light to medium (1000 – 1499 g)		
A4	Medium (1500 – 2199 g)		
A5	Medium to heavy (2200 – 2999 g)		
A6	High (3000 – 3999 g)		
A7	High (4000 – 4999 g)		
A8	High (5000 – 5999 g)		
A9	High (6000 + g)		

TECHNICAL CHARACTERISTICS

KYORENE liner | Gauge 13 HCT Micro-foam KYORENE nitrile coated palm and fingers Thumb crotch reinforcement Elastic cuff

> SIZES: 7. 8. 9. 10. 11. 12

PACKAGING: Dozen | 72 pairs / box

BENEFITS

- Cut resistance ANSI A3
- Cut resistance EN388 Level 4
- Excellent Abrasion resistance 4/4, ANSI 3
- **Excellent dexterity**
- Antibacterial
- Deodorant
- Contact heat and light cold resistant
- **Protection UV**
- Keeps properties under the light

APPLICATIONS

- Handling sharp-edged objects
- Aerospace
- Automotive manufacturing
- Construction
- Metal fabrication
- Plastic injection molding
- **Fisheries**
- Pulp and paper











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EN 407

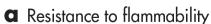
STANDARD EN 407

Gloves giving protection from thermal hazards

a b c d e f

The pictogram gives the evaluation of 6 protections against thermal risks.

Every protection is estimated by a rating from 1 to 4, 4 being the best resistance rating.



The gas flame is kept against the material of the glove. Resistance to flammability is determined according to duration before the material begins to burn.

Level $1 \le 20$ sec. Level $2 \le 10$ sec. Level $3 \le 3$ sec. Level $4 \le 2$ sec.

b Resistance to contact heat

The glove's material is exposed to temperatures between 100 °C and 500 °C.

15 seconds is the minimum accepted length of time for approval.

Level 1 Manipulation of a part at 100 °C

Level 2 Manipulation of a part at 250 °C

Level 3 Manipulation of a part at 350 °C

Level 4 Manipulation of a part at 500 °C

C Resistance to convective heat

Based on the time during which the glove can delay the transfer of the heat of a flame.

A performance level will be only mentioned if a level 3 or 4 was obtained during the flammability test.

Level $1 \le 4$ sec. Level $2 \le 7$ sec. Level $3 \le 10$ sec. Level $4 \le 18$ sec.

d Resistance to radiant heat

Based at the time during which the glove can delay the transfer of heat during an exposure to a radiant source of heat. A performance level will be only mentioned if a level 3 or 4 was obtained during the flammability test.

Level $1 \le 5$ sec. Level $2 \le 30$ sec. Level $3 \le 90$ sec. Level $4 \le 150$ sec.

e Resistance to small splashes of molten metal

Corresponds to the quantity of molten metal required to raise the temperature of the sample to a given threshold. A performance level will be only mentioned if a level 3 or 4 was obtained during the flammability test.

Level $1 \le 5$ sec. Level $2 \le 15$ sec. Level $3 \le 25$ sec. Level $4 \le 35$ sec.

f Resistance to large splashes of molten metal

Corresponds to the weight of molten metal necessary to cause damage to an artificial skin placed directly behind the sample. The test fails if droplets of metal remain stuck on the glove material or if the sample catches fire.

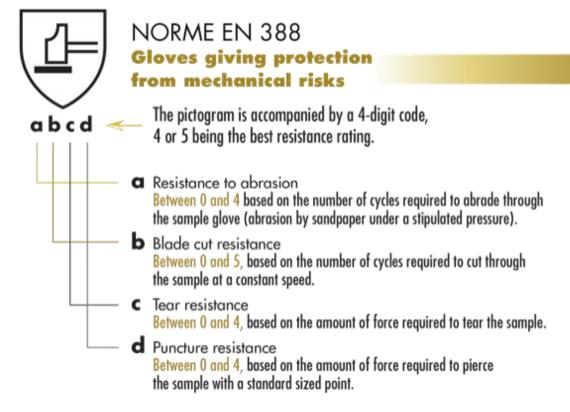


KYO contact heat resistance (test EN 407: 2004):

KYO-300	Method	Unit	Result
Contact heat	EN 407 : 2004		
Threshold time at 100 °C (1)		Seconds	19.7
Threshold time at 100 °C (2)		Seconds	19.1
Threshold time at 100 ºC (3)		Seconds	18.6
Average at 100°C		Seconds	19
Threshold time at 250 °C (1)		Seconds	8.6
Threshold time at 250 °C (2)		Seconds	8.5
Threshold time at 250 °C (3)		Seconds	8.6
Average at 250 °C		Seconds	9
Performance level			Level 1

Table of performance Level for glove

Contact heat (EN 407)		Performance level					
	0	1	2	3	4		
Contact temperature (°C)	-	100	250	350	500		
Treshold time (s)	-	≥15	≥15	≥15	≥15		







GUIDE TO THE NEW CUT LEVELS

ANSI & EN388



200 - 499 grams LIGHT cut hazards

Wood / paper, warehouse, General carpentry, construction, general purpose small parts assembly



1500 - 2199 grams

MEDIUM cut hazards

Aerospace, automotive, general carpentry, glass, sheet metal users /window glazers, wood / paper, metal fabrication, metalworking, plastic, plumbers, appliance manufacturing



4000 - 4999 grams HIGH cut hazards

Aerospace, metal stamping, metal recycling, metal fabrication / metal working, appliance manufacturing, automotive, general carpentry, glass, sheet metal users /window glazers, wood / paper, metal fabrication, Plumbers metalworking, plastic

* Grams : Degree of cut resistance



500 - 999 grams LIGHT/MEDIUM cut hazards

Wood / paper, warehouse, General carpentry, small parts assembly, general purpose, construction



2200 - 2999 grams MEDIUM/HEAVY

MEDIUM/HEAVY cut hazards

Aerospace, glass, sheet metal users /window glazers, wood / paper, metal, fabrication, metalworking, plastic, plumbers, appliance manufacturing, automotive, general carpentry



5000 - 5999 grams HIGH cut hazards

Aerospace, metal stamping, metal recycling, metal fabrication /metal working, appliance manufacturing, automotive, general carpentry, glass, sheet metal users /window glazers, wood / paper, metal fabrication, metalworking, plastic, plumbers



1000 - 1499 grams LIGHT/MEDIUM

cut hazards Wood / paper, warehouse, General carpentry, small parts assembly, general purpose,

construction

A6

3000 - 3999 grams

HIGH cut hazards

Aerospace, appliance manufacturing, automotive, general carpentry, glass, sheet metal users /window glazers, wood / paper, metal fabrication, metalworking, plastic, plumbers



6000 + grams
HIGH cut hazards

Aerospace, metal stamping, metal recycling, metal fabrication / metal working, appliance manufacturing, automotive, general carpentry, glass, sheet metal users /window glazers, wood / paper, metal fabrication, Plumbers, metalworking, plastic