

# # SMT5-18

Heavy cut resistance



## TECHNICAL CHARACTERISTICS

- 100 % TAEKI 5 fiber
- 1 ply – Gauge 10
- Thumb hole
- Hi-Viz yellow

SIZES : 18 inches long

PACKAGING : By ten | 50 pairs/ box

## BENEFITS

- Cut resistance ANSI A4
- Cut resistance EN388 Level 5
- Excellent Abrasion resistance 4/4
- Excellent resistance to tear 4/4
- Thermal protection

## PERFORMANCE LEVELS

### EN388 : 454XC

ABRASION	0	1	2	3	4	
CUT	0	1	2	3	4	5
TEAR	0	1	2	3	4	
PUNCTURE	X	1	2	3	4	
CUT TDM TEST NEW EN388	A	B	C	D	E	F
IMPACT	X			P		

### ANSI CUT : A4

Number of grams : 1805

A1	Light (200 – 499 g)
A2	Light to medium (500 – 999 g)
A3	Light to medium (1000 – 1499 g)
<b>A4</b>	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)

## APPLICATIONS

- Glass industry
- Automotive industry
- Foundry
- Assembly works
- Metallurgy industry
- Industrial maintenance



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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.

**a** Resistance to flammability

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** ≤20 sec. **Level 2** ≤10 sec. **Level 3** ≤3 sec. **Level 4** ≤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** ≤4 sec. **Level 2** ≤7 sec. **Level 3** ≤10 sec. **Level 4** ≤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** ≤5 sec. **Level 2** ≤30 sec. **Level 3** ≤90 sec. **Level 4** ≤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** ≤5 sec. **Level 2** ≤15 sec. **Level 3** ≤25 sec. **Level 4** ≤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.



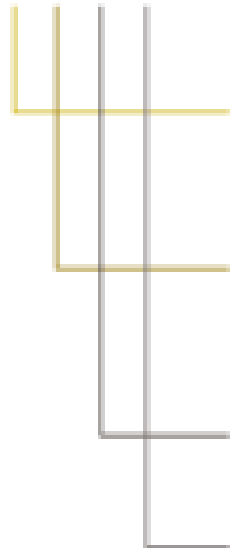
## NORME EN 388

### Gloves giving protection from mechanical risks

a b c d



The pictogram is accompanied by a 4-digit code, 4 or 5 being the best resistance rating.



- a** Resistance to abrasion  
Between 0 and 4 based on the number of cycles required to abrade through the sample glove (abrasion by sandpaper under a stipulated pressure).
- b** Blade cut resistance  
Between 0 and 5, based on the number of cycles required to cut through the sample at a constant speed.
- c** Tear resistance  
Between 0 and 4, based on the amount of force required to tear the sample.
- d** Puncture resistance  
Between 0 and 4, based on the amount of force required to pierce the sample with a standard sized point.

**x** means that this performance is not tested.





# 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 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



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