



## TEGERA® 8160

Chemical protection glove, 0,5\* mm (\*chem-layer) latex, fully dipped, double-dipped, foam grip pattern, interlock, Cat. III, blue, waterproof, for allround work

### PROPERTIES

High level of protection, flexible, good grip, comfortable, warm

### SPECIFICATION

TYPE OF GLOVE Chemical protection gloves

CATEGORY Cat. III

SIZE RANGE (EU) 6, 7, 8, 9, 10, 11

DIPPING Fully dipped, double-dipped

DIPPING MATERIAL Latex

THICKNESS 0,5\* mm (\*chem-layer)

LINING MATERIAL Interlock

GRIP PATTERN Foam grip pattern

LENGTH RANGE 300 mm

COLOUR Blue

PAIRS PER PACKAGE/CARTON 12/120

DISPLAY Bulk pack OUTER MATERIAL SPECIFICATION Natural latex

INNER MATERIAL SPECIFICATION Cotton

ANTIBACTERIAL/BIOCIDAL TREATMENT Pyrithione zinc (CAS number 13463-41-7)

| SIZE | ART. NO. | EAN NO.       |
|------|----------|---------------|
| 7    | 8160-7   | 7392626007543 |
| 8    | 8160-8   | 7392626007550 |
| 9    | 8160-9   | 7392626007567 |
| 10   | 8160-10  | 7392626007574 |
| 11   | 8160-11  | 7392626007581 |
| 6    | 8160-6   | 7392626008038 |

All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.

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### PREVENTS RISK OF

Contact with dirt, contact with moisture, contact with damp

### PRIMARY ENVIRONMENTS OF USE

Cold environments, warm environments, wet environments, moist environments, dirty environments

### PRIMARY AREAS OF USE

Agricultural work, building and construction, chemical technology work, chemical work, cleaning, concrete work, decontamination, fishing, fishing industry work, glass industry work, marine work, paint spraying work, painting, paper industry work, petro-chemical work, sanitation

### PRIMARY INDUSTRIES OF USE

Agriculture, building and construction

### TYPE OF WORK

Medium weight

2(4)

**CE** 0598 Cat. III

EN 420:2003  
+ A1:2009



EN 388:2016  
3131X



EN 407:2004  
X2XXXX



EN ISO 374-1:2016/Type B  
AKLPT



EN ISO 374-5:2016



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2021-01-10

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PROTECTING HANDS AND FEET

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## TEGERA® 8160

### EU-TYPE EXAMINATION

2777 Satra Technology Europe Ltd Bracetown Business Park, Clonee, Dublin 15, Dublin, Ireland

### CHEMICAL RESISTANCE

According to EN16523-1:2015. For details, please contact Ejendals.

### COMPLIANCE DESCRIPTION

EN 420:2003 + A1:2009 Protective gloves - general requirements and test methods

EU 2016/425

EN 388:2016 Protective gloves against mechanical risks

| Property                                       | Level Achieved | (Maximum Performance) |
|------------------------------------------------|----------------|-----------------------|
| a) Resistance to abrasion (No. of revolutions) | 3              | (4)                   |
| b) Cut resistance (Index)                      | 1              | (5)                   |
| c) Tear resistance (N)                         | 3              | (4)                   |
| d) Puncturing resistance (N)                   | 1              | (4)                   |
| e) Cut resistance, EN ISO 13997 (N)            | X              | (F)                   |
| f) Impact protection, EN 13594:2015            |                | (P)                   |

### EN 388 – Testing

(specifies the requirements that apply for each safety level).

| Level of protection/Performance level          | 1   | 2   | 3    | 4    | 5    |
|------------------------------------------------|-----|-----|------|------|------|
| a) Resistance to abrasion (No. of revolutions) | 100 | 500 | 2000 | 8000 |      |
| b) Cut resistance (Index)                      | 1,2 | 2,5 | 5,0  | 10,0 | 20,0 |
| c) Tear resistance (N)                         | 10  | 25  | 50   | 75   |      |
| d) Puncturing resistance (N)                   | 20  | 60  | 100  | 150  |      |

| Level of protection/Performance level | A | B | C  | D  | E  | F  |
|---------------------------------------|---|---|----|----|----|----|
| e) Cut resistance, EN ISO 13997 (N)   | 2 | 5 | 10 | 15 | 22 | 30 |

| Level of protection/Performance level | P                     |
|---------------------------------------|-----------------------|
| f) Impact protection, EN 13594:2015   | Pass (Level 1 ≤ 9 kN) |

EN 407:2004 Protective gloves against thermal risks (heat and/or fire)

EN ISO 374-5:2016 Protective gloves against dangerous chemicals and microorganisms – Part 5 Terminology and

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**CE** 0598 Cat. III

EN 420:2003 + A1:2009  EN 388:2016 3131X  EN 407:2004 X2XXXX

 EN ISO 374-1:2016/Type B AKLPT  EN ISO 374-5:2016



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performance requirements for microorganism risks.

EN ISO 374-1:2016/Type B Protective gloves against dangerous chemicals and microorganisms – Part 1: Terminology and performance requirements for chemical risks.

### Test according to EN ISO 374-1:2016

| Tested chemical  | A    | K    | L    | P    | T     |
|------------------|------|------|------|------|-------|
| Permeation level | 2    | 2    | 3    | 5    | 6     |
| Degradation %    | -2,8 | -7,7 | 55,7 | -4,6 | -21,9 |

### Permeation levels are based on breakthrough times as follows

| Permeation level                 | 1  | 2  | 3  | 4   | 5   | 6   |
|----------------------------------|----|----|----|-----|-----|-----|
| Minimum breakthrough times (min) | 10 | 30 | 60 | 120 | 240 | 480 |

Definition of breakthrough time through the glove palm (1µg/cm²/min)

A: Methanol (CAS Number 67-56-1)

K: Sodium hydroxide 40% (CAS number 1310-73-2)

L: Sulphuric acid 96% (CAS number 7664-93-9)

P: Hydrogen peroxide 30% (CAS number 7722-84-1)

T: Formaldehyde 37% (CAS number 50-00-0)



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