



KEEP THEM ALL!

AVOID HAND & FINGER INJURIES

HSElife NL Industry-wide campaign

Safety gloves guide

ANNEX

June 2020

- to be used for
INFORM
CAMPAIGN
kick-off session
- to be used for
OBSERVE
- to be used for
DISCUSS
- to be used for
IMPLEMENT
- to be used for
EVALUATE

HSELIFE NL 
Management system for a safer and healthier workplace

KEEP THEM ALL!

AVOID HAND & FINGERS INJURIES

HSElife NL Industry-wide campaign



Hand Protection

Glove Classification

Mechanical Protection

Chemical Protection

Electrical Protection

Cold Weather Protection

Heat & Flame Protection

Cutlery Protection

Key CE Standards & Symbols

EN 388 - 2016 - Protection from Mechanical hazards

This standard applies to all kinds of protective gloves giving protection from mechanical risks. Each glove is marked with four digits and one/two letters, each representing the test performance against a specific hazard; performance is rated on a scale:

- a - Resistance to abrasion (1÷4)
- b - Resistance to cut (1÷5)
- c - Resistance to tear (1÷4)
- d - Resistance to puncture (1÷4)
- e - EN ISO Cut resistance (A-F)
- f - Resistance to impact (P)

EN 388:2016



EN 511 - Protection from Cold

This standard applies to any gloves protecting hands against convective and contact cold down to -50 °C. Each glove is marked with three digits, each representing the test performance against a specific hazard; performance is rated on a scale:

- a - Resistance to convective cold (0÷4)
- b - Resistance to contact cold (0÷4)
- c - Impermeability to water (γ/n)
- x - Not tested according to the std



EN 374 - 2016 - Protection from Chemicals and Micro-organisms

This standard specifies the capability of gloves to protect the user against chemicals and/or microorganisms.

EN 374-1:2016 Type A: gloves must resist to a permeation test of 30 minutes for, at least, 6 test chemicals identified standard list

EN ISO 374-1:2016/Type A



JKLMNO

EN 374-1:2016 Type B: gloves must resist to a permeation test of 30 minutes for, at least, 3 test chemicals identified standard list

EN ISO 374-1:2016/Type B



JKL

EN 374-1:2016 Type C: gloves must resist to a permeation test of 10 minutes for, at least, 1 test chemical identified standard list

EN ISO 374-1:2016/Type C



EN 374-5:2016: gloves protecting against bacteria and fungi

EN ISO 374-5



EN ISO 374-5



EN 374-5:2016 VIRUS: gloves protecting against bacteria, fungi and viruses

VIRUS

EN 407 - Protection from Heat and Flame

This standard applies to any gloves protecting hands against contact, convective and radiant heat. Each glove is marked with six digits, each representing test performance against a specific hazard. In case of welding, gloves shall comply with EN 12477.



EN 1149 - Electrostatic Properties

This standard applies to any gloves which requires to be antistatic.



EN 60903 - High Voltage Protection

This standard applies to high voltage protection gloves; maximum voltage is defined by Class and color.



Safety gloves

Classification:

Mechanical Protection

Key Functions:

Mechanical Tasks - Heavy Duty Material Handling

Name:

Mechanix M-Pack ORHD

Standards:
EN 388 - 2121



Classification:

Mechanical Protection

Key Functions:

Mechanical Tasks - Cutting and Grinding

Name:

Ansell PowerFlex® 80-813

Standards:
EN 388 - 2542
EN 407 - 412110, Flame Resistant



Classification:

Mechanical Protection

Key Functions:

Mechanical Tasks - Machine Maintenance / Assembly

Name:

Ansell HyFlex® 11-900

Standards:
EN 388 - 3131
EN 1149



Safety gloves

Classification:

Mechanical Protection

Key Functions:

Mechanical Tasks - Machine Maintenance / Assembly

Name:

M-Safe 14-695

Standards:

EN 388 - 4132

EN 420

EN 388:2016



Classification:

Mechanical Protection

Key Functions:

Mechanical Tasks - Heavy duty operations - oil repellent

Name:

Ansell Hycron® 27-607

Standards:

EN 388 - 3131

EN 1149

EN 388:2016



Classification:

Mechanical Protection

Key Functions:

Mechanical Tasks - Power Tools

Name:

Ansell VibraGuard® 07-112

Standards:

EN 388 - 3221

(indicated for vibrations higher than 300 Hz)

EN 388:2016



Safety gloves

Classification:

Mechanical Protection

Key Functions:

General Purpose

Name:

Tropic Glove - Soft Touch 11-440

Standards:

EN 388 - 3122



Classification:

Mechanical & Chemical Protection

Key Functions:

Chemicals handling / dirty material handling

Name:

Ansell Alphatec® 58-535b

Standards:

EN 388 - 4121

EN 374-1:2016 Type A

EN 374-5:2016



Classification:

Chemical Protection

Key Functions:

Chemical handling (e.g. Methanol)

Name:

Ansell AlphaTec® 02-100

Standards:

EN 374-1:2016 Type A

EN 374-5:2016



Safety gloves

Classification:

Chemical Protection

Key Functions:

Cleaning Tasks, low risk

Name:

Ansell Dura-Touch® 34-755

Standards:

EN 374-1:2016 Type C
EN 374-5:2016 VIRUS

EN ISO 374-1:2016/Type C



EN ISO 374-5



VIRUS



Classification:

Chemical Protection

Key Functions:

Laboratory analysis

Name:

Ansell TouchNTuff® 92-605

Standards:

EN 374-1:2016 Type B
EN 374-5:2016 VIRUS

EN ISO 374-1:2016/Type B



JKL

EN ISO 374-5



VIRUS



Classification:

Electrical Protection

Key Functions:

Medium Voltage Tasks

Name:

Honeywell 5505EC

Standards:

EN 60903 - Class 0 (max 1000 V_{AC}), code R, C
Arc Rating ATPV¹: 21.6 cal/m²
1: Arc Thermal Performance Value



5505EC

Safety gloves

Classification:

Electrical Protection

Key Functions:

Medium Voltage Tasks

Name:

Honeywell 5506EV

Standards:

EN 60903 - Class 0 (max 1000 V_{AC}), code R, C, M

Arc Rating ATPV¹: 55 cal/m²

1: Arc Thermal Performance Value



Classification:

Cold Weather Protection

Key Functions:

Winter protection

Name:

Ansell ActivArmr® 78-101

Standards:

EN 388 - 314x

EN 407 - x1xxxx

EN 511 - 100

EN 388:2016



Classification:

Heat & Flame Protection

Key Functions:

Welding (TIG)

Name:

RedRam MT 2

Standards:

EN 388 - 2123

EN 407 - xx4124

ISO 12477

EN 388:2016



Safety gloves

Classification:

Heat & Flame Protection

Key Functions:

Welding (MIG or electrode)

Name:

Power Touch 1.53.110.00



Standards:

EN 388 - 4143

EN 407 - xx3244

ISO 12477

EN 388:2016



Tips when using impermeable gloves

1. Wash and dry thoroughly your hands before donning the gloves.
2. Do not wear the same pair of gloves too long:
 - a. Respect the breakthrough times.
 - b. Change pairs of gloves, if you must wear them for long time.
3. Fold the cuff.
4. Always thoroughly wash the gloves before pulling them off:
 - a. If you use paints or pigments, clean gloves with a cloth soaked with suitable solvent.
 - b. Remove solvents with a clean, dry cloth and dispose it accordingly.
 - c. When using acids or bases, rinse the gloves with cold water before you clean them with a cloth; dispose the cloth accordingly.
5. Pull off the gloves without touching the outside:
 - a. Pull the cuff down to pull the glove inside out and roll each into a ball gloves; dispose gloves accordingly.
6. Wash and dry your hands after removing the gloves and use a moisturizing hand cream.
7. Never use cracked or torn gloves, no matter how small the damage is.
8. In case of any skin irritation issue, after use of gloves, contact your Medic / Mapper for further advice.

DISCLAIMER

Safety gloves listed in this document are shown here just as an example. Your organization might use a different brand / type. Ask your Supervisor to provide you with the proper information about the type of gloves to use for a specific work activity.

All of the listed product names and photography / illustrations are property of their respective brands.

The data collected is accurate at the moment of production of this document; refer to manufacturer's latest available information.