

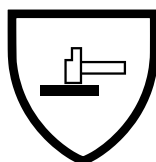
EN STANDARDI | EN STANDARDS

EN 420: 2003 + A1: 2009

Ta standard opredeljuje splošne zahteve in ustrezne preizkusne postopke za načrtovanje in izdelavo rokavic, odpornost na prodiranje vode, neškodljivost, udobje in spretnost, označevanje in informacije proizvajalca, ki veljajo za vse zaščitne rokavice. Ta evropski standard ne obravnava zaščitnih lastnosti rokavic, zato ga je treba uporabljati v kombinaciji z drugimi ustreznimi evropskimi standardi.

This standard defines the general requirements and relevant test procedures for glove design and construction, resistance to water penetration, innocuousness, comfort and dexterity, marking, and information supplied by the manufacturer that is applicable to all protective gloves. This European Standard does not address the protective properties of gloves and therefore should be used in combination with the appropriate European standards.

EN 388: 2016 Rokavice za zaščito pred mehanskimi nevarnostmi | Gloves protecting against mechanical hazards



a b c d e f

a	Odpornost proti obrabi / Resistance to abrasion (1 - 4)
b	Odpornost na rezanje / Blade cut resistance (1 - 5)
c	Odpornost na trganje / Tear resistance (1 - 4)
d	Odpornost na prebod / Puncture resistance (1 - 4)
e	Odpornost na rezanje / Blade cut resistance - EN ISO 13997 (A - F)
f	Zaščita pred udarci / Impact protection (P)

X = rokavice, ki niso bile preizkušene / gloves that have not been tested

EN 407: 2004

Rokavice za zaščito pred toplotnimi tveganji (toplota in/ali ogenj).
Gloves providing protection against thermal risks (heat and/or fire).



a b c d e f

a	Odpornost proti vnetljivosti / Resistance to flammability (0-4)
b	Odpornost na kontaktno toploto / Resistance to contact heat (0-4)
c	Odpornost proti konvekcijski toploti / Resistance to convective heat (0-4)
d	Odpornost na sevalno toploto / Resistance to radiant heat (0-4)
e	Odpornost na majhne brizge staljene kovine / Resistance to small splashes of molten metal (0-4)
f	Odpornost na velike brizge staljene kovine / Resistance to large splashes of molten metal (0-4)

X = rokavice, ki niso bile preizkušene / gloves that have not been tested

EN 12477 Zaščitne rokavice za varilce | Protective gloves for welders

Ta mednarodni standard opisuje konstrukcijske specifikacije za rokavice, ki zagotavljajo zaščito rok in zapestja za varjenje in za podobna dela, nanje pa se je treba sklicevati v povezavi z EN 388 in EN 407.

Tip A = rokavice, ki zagotavljajo visoko stopnjo zaščite pred vročino, vendar so manj prilagodljive

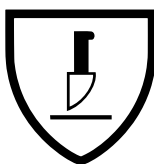
Tip B = rokavice, ki zagotavljajo nižjo stopnjo zaščite pred vročino, vendar so bolj prilagodljive

This International Standard describes the design specifications for gloves that provide hand and wrist protection for welding and for similar work and should be referred to in conjunction with EN 388 and EN 407.

Type A =gloves that provide a high degree of protection against heat but are less flexible

Type B =gloves that provide a lower degree of protection against heat but are more flexible

EN 13999-1



Rokavice in ščitniki za roke, ki ščitijo pred urezninami in zabadanjem ročnih nožev.
Gloves and arm guards protecting against cuts and stabs by hand knives.

EN 1149-2



Elektrostatične lastnosti.
Electrostatic Properties.

EN 16350: 2014



Elektrostatične lastnosti.
Electrostatic Properties.

EN 511: 2006

Določa zahteve in preskusne metode za rokavice, ki ščitijo pred konvektivnim in prevodnim mrazom do -50 °C.
Specifies the requirements and test methods for gloves that protect against convective and conductive cold to -50°C.



a b c

a Odpornost proti konvekcijskemu mrazu / Resistance to convective cold (0 - 4)

b Odpornost proti hladnemu stiku / Resistance to contact cold (0 - 4)

c Prepustnost za vodo / Permeability to water (0 = neuspešno /fail; 1 = uspešno / pass)

X = rokavice, ki niso bile preizkušene / gloves that have not been tested

EN374-1: 2016 Zaščitne rokavice pred nevarnimi kemikalijami in mikroorganizmi
Protective gloves against dangerous chemicals and micro-organisms



Kemikalije preдреjo material rokavic na molekularni ravni. Tu se oceni čas preboja in rokavice morajo prenesti čas preboja najmanj:

Tip A - 30 minut (stopnja 2) - najmanj 6 testnih kemikalij

Tip B - 30 minut (stopnja 2) - najmanj 3 testne kemikalije

Tip C - 10 minut (stopnja 1) - najmanj 1 testna kemikalija

The chemicals break through the glove material at a molecular level. The breakthrough time is here evaluated and the glove must withstand a breakthrough time of at least:

Type A - 30 minutes (level 2) against minimum 6 test chemicals

Type B - 30 minutes (level 2) against minimum 3 test chemicals

Type C - 10 minutes (level 1) against minimum 1 test chemical

Oznaka / Mark	Kemikalija / Chemical
a	Metanol / Methanol
b	Aceton / Acetone
c	Acetonitril / Acetonitrile
d	Diklorometan / Dichloromethane
e	Ogljikov disulfid / Carbon disulfide
f	Toluen / Toluene
g	Diethylamin / Diethylamine
h	Tetrahidrofuran / Tetrahydrofurane
i	Etil acetat / Ethyl acetate

Oznaka / Mark	Kemikalija / Chemical
j	n-heptan / n-heptane
k	Natrijev hidroksid 40% / Sodium hydroxide 40%
l	Žveplena kislina 96% / Sulphuric acid 96%
m	Dušikova kislina 65% / Nitric acid 65%
n	Ocetna kislina 99% / Acetic acid 99%
o	Amonijev hidroksid 25% / Ammonium Hydroxide 25%
p	Vodikov peroksid 30% / Hydrogen peroxide 30%
s	Fluorovodikova kislina 40% / Hydrofluoric acid 40%
t	Formaldehid 37% / Formaldehyde 37%

EN374-5: 2016 Zahteve glede učinkovitosti za tveganja mikroorganizmov
Performance requirements for micro-organisms risks



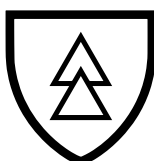
Rokavice so razvrščene kot:

- Zaščita pred bakterijami in glivicami
- Zaščita pred bakterijami, glivicami in virusi

Gloves are classified as either:

- Protection against bacteria and fungi
- Protection against bacteria, fungi and viruses

EN 60903:2003 Rokavice iz izolacijskega materiala za delo v živo | Gloves of insulating material for live working



Razred / Class	Testirano pri / Tested at	Uporabna voltaža / Working voltage
00	2.500 V	500 V
0	5.000 V	1.000 V
1	10.000 V	7.000 V
2	20.000 V	17.000 V
3	30.000 V	26.000 V
4	40.000 V	36.000 V

EN 10819



Zaščitne rokavice proti vibracijam in šokom.
Protective gloves against vibration and shock.

EN 1186



Materiali in predmeti v stiku z živili.
Materials and articles in contact with food.