

Mechanical & Cut Resistant with Impact

Heavy impacted tasks: Rigging; Power & Non-power hand tool using; manual handling, etc.

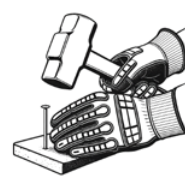
EN388:2016
4X44EP

TPR Impact Protection, nitrile coated palm with Abrasion 4, ISO Cut E, Tear 4, Puncture 4

Maxisafe GBX280



Hammering



EN388:2016
4X44FP

Liquid resistant, synthetic leather palm coating with Abrasion 4, ISO Cut F, Tear 4, Puncture 4

Ringers 259B



Assemble tools in workshop



EN388:2016
4X34FP

Cut resistant layer on palm, Wrap-around index finger with Abrasion 3, ISO Cut F, Tear 4, Puncture 3

Ringers R179



Manual handling guns



VIBRATION

High frequency vibration tools

EN-ISO
10819:2013

Heavy duty Anti-vibration TPR Impact

Handlandy Anti Vibration H6354252



Grinder use



Mechanical & Cut Resistant

Light duty tasks: Electronics, Cleanroom Assembly, Automotive, Small Parts Handling

EN388:2016
4X43F

Nitrile Palms with Abrasion 4, ISO Cut F, Tear 4, Puncture 3

Graphex LQR GFPR504



Sharp object handling



EN388:2016
4X42F

Abrasion 4, ISO Cut F, Tear 4, Puncture 2

Graphex Premier GFPR500



Using retractable knife



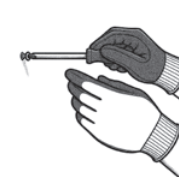
EN388:2016
4531

Abrasion 4, Cut F, Tear 3, Puncture 1

NXG Cut F C3131



Using screwdriver



Chemical Protection

Lab activities

EN 374-1
EN 374-5

Disposable nitrile, Superior chemical splash protection

Chemical TouchNTuff



Lab testing



Cutting/
packing
chemical

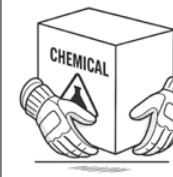
EN 374-5
graphic

Nitrile Coating, Ergonomically-shaped to reduce hand fatigue with Puncture 2, Cut D

Superior Chemstop



Packing/Unpacking chemical



Mixing chemical

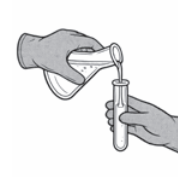
EN 374-1
EN 374-5
EN388:2016
3122A

Protective against Chemical Splashes with Abrasion 3, Puncture 2

Alphatec 58-535B



Chemical Handling



Temperature Resistant

N2 Handling

EN511
Level 2&3

Waterproof breathable membrane for splash protection (Nitrogen N2 use)

Cryogenic Waterproof



Handling N2



Sharp & hot object handling

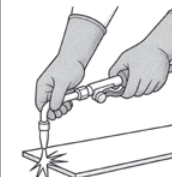
EN407:2016
444XXX
EN388 1542

Rated for time to pain 45 sec @ 315°C with Abrasion 1, Cut D, Tear 4, Puncture 2

Superior Coolgrip



Gas Cutting



Welding/
Gas Cutting

EN407 413X4X,
EN388:2016
3243B
EN12477 A1

Protect from heat, flame, sparks with Abrasion 3, Cut B, Tear 4, Puncture 3

Welding Ansell



Welding



Arc PROTECTION

High voltage electrical work

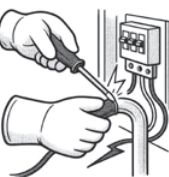
EN
60903:2003
IEC
60903:2014

Rubber Insulating latex Available in Class 00 -Class 4

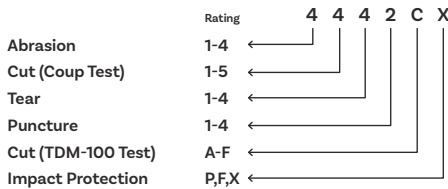
Electrical Novax



Live Electrical Work

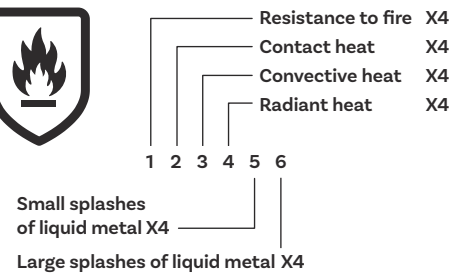


EN-388 MECHANICAL



EN 388 RATING	RANGE (Newtons)	CONVERTED RANGE (Grams)	ANSI/ISEA 105 LEVEL	RANGE (Grams)
A	2 - 4.9	204 - 508	A1	200 - 499
B	5 - 9.9	509 - 1019	A2	500 - 999
C	10 - 14.9	1020 - 1529	A3	1000 - 1499
D	15 - 21.9	1530 - 2242	A4	1500 - 2199
E	22 - 29.9	2243 - 3058	A5	220 - 2999
F	30+	3059 +	A6	3000 - 3999
-	-	-	A7	4000 - 4999
-	-	-	A8	5000 - 5999
-	-	-	A9	6000 +

EN-407 THERMAL



EN-347 MICRO-ORGANISM PROTECTION



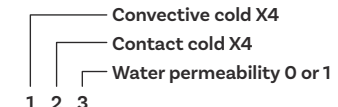
Impermeability test

EN-347 CHEMICAL PROTECTION



Permeability test

EN-511 COLD



EN-ISO-10819 VIBRATION



IEC 60903:2014 IEC 60903:2003 ELECTRICAL



EN12477 WELDING



How to Inspect

Mechanical Protection Gloves	Check for imperfections such as pinholes and tears.
Chemical Protection Gloves	Closely check to ensure any contaminants have been removed. If they cannot be removed, the gloves should be replaced.
Heat & Cold Protection Gloves	Check for imperfections such as pinholes, tears, cracks, splits or cuts. Perform AIR TEST, if necessary, to check for any leakage.
Electrical Protection Gloves	

How to Store

All types of gloves should be stored in a cool & dry storage area. Responsible person should ensure they are protected from direct sunlight.

How to Wash

Glove Type	Washing Instructions
Mechanical Protection Gloves	▶ All Gloves: Do not use bleach. Machine washable using cool water and mild detergent. Do not dry clean or iron. (Ringers R179 should be hand washed only).
Chemical Protection Gloves	▶ TouchNTough: Non-washable. Single use only. ▶ Chemstop: No bleach, no iron. Machine washable.
Heat & Cold Protection Gloves	▶ Dexterity: Machine wash with regular detergent. ▶ Cryogenic & CoolGrip: No bleach, no iron. Hand wash. ▶ Welding Gloves: Never wash
Electrical Protection Gloves	▶ No bleach, no iron. Hand wash.

EN388:2003

Abrasion

EN388:2016 rating is often lower than EN388:2003 due to a change in testing standard.

Vs

EN388:2016

Cut

EN388:2016 uses an ISO TDM method (A-F, F being highest rated), with or instead of the 2003 Coup test. Cut "5" is comparable to Cut "C".

Where to find ratings on gloves

