

art-no.	name	size	latex	EN 388:2016 +A1:2018	EN ISO 374-1:2016 +A1:2018	Permeation / Performance levels	EN ISO 374-4:2019	EN ISO 374-5:2016  VIRUS	EN ISO 407:2020	AQL level	dexter ity	No*	
							Degradtion in %	protection against fungi	protection against viruses			NB for ongoing conformity	
9505	Allprotec Yellow-Care	6-11	x	1010X	Typ A / KLMPST	6/2/4/4/5/6	-26,8/49,8/24,7/-16,9/X/-16,5	pass	pass	< 1,5	5	0598	
9507	Allprotec Blue-Care	6-10	x	1010X	Typ A / KLMPST	6/2/5/5/6/6	-12,9/29,4/14,4/0,9/X/5,8	pass	n/a	< 1,5	5	0598	
9509	Allprotec Super Blue	6-11	x	4121X	Typ A / AKLMNPST	2/6/4/6/3/6/6/6	17,9/-5,8/35,0/5,5/30,9/-2,8/X/12,1	pass	n/a	X1XXXX	< 1,5	5	0598
9510	Allprotec Blue Grip Plus	6-10	x	4131X	Typ A / AKLMNPST	6/6/4/6/3/6/5/6	12,7/-83,4/-62,9/-66,4/-58,7/-82,3/X/-29,4	pass	n/a	X1XXXX	< 1,5	5	0598
9511	Allprotec Neoprotec	6-11		3111X	Typ A / AKLMNOPST	3/6/4/6/5/3/6/6/6	3,8/-0,1/23,5/19,3/19/-12,9/-2,8/X/6,7	pass	pass	< 1,5	5	0598	
9512	Allprotec Bicolor-Neo	6-11	x	2110X	Typ A / AKLMNPST	2/6/3/5/2/6/6/6	4,9/-13,3/26,4/21,9/22,7/6,5/X/-1,6	pass	pass	< 1,5	5	0598	
9513	Allprotec Nitrix	6-11		4101X	Typ A / AJKLMOPT	2/6/6/3/2/3/6/6/6	70,1/0/4,5/61,9/98,7/91,9/-5,8/-11,7/-15,6	pass	pass	< 1,5	5	0598	
9527	Allprotec Protexi Cleaner+	6-10		3001X	Typ A / JKLMNOPT	6/6/3/2/3/6/6/6	25,2/-3,9/70,8/93,2/95,8/6,8/9,0/-16,9	pass	n/a	< 1,5	5	0598	

EN ISO 374-1:2016+A1:2018 BREAKTHROUGH TIMES

Type A	= the permeation performance shall be at least level 2 against a minimum of 6 test chemicals
Type B	= the permeation performance shall be at least level 2 against minimum of 3 test chemicals.
Type C	= the permeation performance shall be at least level 2 against minimum of 1 test chemicals.

Test	Level 0	Level 1	Level 2	Level 3	Level 4	Level 5
(A) abrasion resistance (cycles)	< 100	100	500	2000	8000	-
(B) blade cut resistance (factor)	< 1.2	1.2	2.5	5.0	10.0	20.0
(C) tear resistance (newton)	< 10	10	25	50	75	-
(D) puncture resistance (newton)	< 20	20	60	100	150	-
Test	Level A	Level B	Level C	Level D	Level E	Level F
(E) blade cut resistance (newton)	2	5	10	15	22	30

- (A) Resistance to abrasion: based on the number of cycles required to abrade through the sample glove.
 (B) Blade cut resistance: based on the number of cycles required to cut through the sample at a constant speed.
 (C) Tear resistance: based on the amount of force required to tear the sample.
 (D) Puncture resistance: based on the amount of force required to pierce the sample with a standard sized point.
 (E) Blade cut resistance: marking with a letter. This letter indicates the result of the blade cut test according to EN ISO 13997:1999.
 (F) Impact protection: marking is optional, when the glove passed the shock test the marking is with a „P“.

The information regarding the protection of the gloves refers to the working surface, i.e. 'the palm' of the glove, which has been submitted to testing.
 Warning: For dulling during the cut resistance test (6.2), the coupe test results are only indicative while the TDM cut resistance test (6.3) is the reference performance result.

A = abrasion resistance (0-4)
 B = blade cut resistance (0-5)
 C = tear resistance (0-4)
 D = puncture resistance (0-4)
 E = blade cut resistance (A-F, according to EN ISO 13997:1999)
 F = impact protection

EN388



EN ISO 407:2020 PERFORMANCE RESULTS

Performance Level	Contact Temperature / °C	Threshold Time / s
1	100	>15
2	250	>15
3	350	>15
4	500	>15

PERFORMANCE LEVEL IN ACCORDANCE WITH EN ISO 374-1:2016+A1:2018

Measured break through time (min)	Permeation performance level
> 10	1
> 30	2
> 30	3
> 120	4
> 240	5
> 480	6

	D	EN
A	Methanol	methanol
B	Aceton	acetone
C	Acetonitril	acetonitrile
D	Dichlormethan	dichloromethane
E	Kohlenstoffdisulfid	carbone disulphide
F	Toluol	toluene
G	Diethylamin	diethylamine
H	Tetrahydrofuran	tetrahydrofurane
I	Ethylacetat	ethyl acetate
J	n-Heptan	n-heptane
K	Natriumhydroxid 40%	sodium hydroxide 40%
L	Schwefelsäure 96%	sulphuric acid 96%
M	Salpetersäure 65%	nitric acid 65%
N	Essigsäure 99%	acetic acid 99%
O	Ammoniakwasser 25%	ammonia water 25%
P	Wasserstoffperoxid 30%	hydrogen peroxide 30%
S	Flusssäure 40%	hydrofluoric acid 40%
T	Formaldehyd 37%	formaldehyde 37%

