















Penetration of chemical substances according to DIN EN 374-3:2003

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The information shown in the table was determined under laboratory conditions at 22 °C. Due to extraordinary constraints in practical use such as elevated temperature, mechanical effects (e.g. expansion and attrition), this information is given by way of indication only, and cannot be used as a substitute for suitability tests















Penetration time: Level 0 < 10 min Level 2 > 30 min Level 4 > 120 min Level 6 > 480 min
(permeation) Level 1 > 10 min Level 3 > 60 min Level 5 > 240 min N/A – safety data sheet required

																	
Name			uvex u-fit lite	uvex u-fit	uvex u-fit strong N2000	uvex u-chem 3300	uvex rubiflex S blue	uvex rubiflex S green	uvex rubiflex S XG	uvex profastron	uvex u-chem 3000	uvex u-chem 3100	uvex u-chem 3200	uvex profapren	uvex profabutyl	uvex profaviton	
Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobutyl	bromobutyl with Viton® coating	
Substance	State	CAS No.															
1,1,2-Trichloroethane	l	79-00-5	0	0	0	0	2	2	2	2	2	2	2	0	1	5	
1,2-Dichlorethan (Ethylendichlorid)	l	107-06-2	0	0	0	0	0	0	0	0	0	0	0	0	2	6	
1,2-Propanediol (propylene glycol)	l	57-55-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
1,3-Butadien	g	106-99-0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	
1,4-Dioxane	l	123-91-1	0	0	0	0	0	0	0	1	1	1	0	1	6	5	
1-Chlorobutane	l	109-69-3	0	0	0	0	0	0	0	0	0	0	0	0	1	6	

Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol

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Name			uvex u-fit lite	uvex u-fit	uvex u-fit strong N2000	uvex u-chem 3300	uvex rubiflex S blue	uvex rubiflex S green	uvex rubiflex S XG	uvex profastron	uvex u-chem 3000	uvex u-chem 3100	uvex u-chem 3200	uvex profapren	uvex profabutyl	uvex profaviton	
Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
1-Methoxy-2-propanol	l	107-98-2	0	0	1	1	1	1	1	3	3	3	1	2	6	5	
1-Methoxy-2-propyl acetate	l	108-65-6	0	0	1	1	1	1	1	3	2	2	1	2	6	5	
1-Pentanol (Amylalkohol)	l	71-41-0	1	1	4	6	4	4	5	6	5	6	4	5	6	6	
2-Ethylhexanoic acid	l	149-57-5	3	3	3	3	6	6	6	6	6	6	6	6	6	6	
2-Methoxy-1-propanol	l	1589-47-5	0	0	1	1	1	1	1	3	3	3	1	2	6	5	
3-Hexanone	l	589-38-8	0	0	0	0	0	0	0	0	0	0	0	1	3	1	
4-Heptanone	l	123-19-3	0	0	0	0	0	0	0	0	0	0	0	1	3	1	
Acetaldehyde	l	75-07-0	0	0	0	0	0	0	0	0	0	0	0	1	5	3	
Acetamide	s	60-35-5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Acetic acid 10%	l	64-19-7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Acetic acid 50%	l	64-19-7	2	2	4	4	6	6	6	6	6	6	6	6	6	6	
Acetic acid 100%	l	64-19-7	0	0	1	2	2	2	2	3	4	4	3	5	6	5	

Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol

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Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Acetic anhydride	l	108-24-7	0	0	0	0	1	1	1	1	1	1	1	2	6	5	
Acetoacetic acid methyl ester	l	105-45-3	0	0	0	0	0	0	0	0	0	0	0	3	6	2	
Acetone	l	67-64-1	0	0	0	0	0	0	0	0	0	0	0	1	6	4	
Acetonitrile	l	75-05-8	0	0	0	0	0	0	0	0	0	0	0	2	6	2	
Acetophenone	l	98-86-2	0	0	0	1	1	1	1	1	2	2	2	2	6	6	
Acetylacetone (pentane-2,4-dione)	l	123-54-6	0	0	0	0	0	0	0	0	0	0	0	1	5	2	
Acetylene	g	74-86-2	0	0	0	0	3	3	3	3	3	3	3	1	1	6	
Acrylamide	s	79-06-1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Acrylic acid	l	79-10-7	0	0	1	1	2	2	2	2	2	2	2	3	6	6	
Acrylnitrile	l	107-13-1	0	0	0	0	0	0	0	0	0	0	0	2	6	2	
Adipic acid	s	124-04-9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Allyl alcohol	l	107-18-6	0	0	0	0	1	1	1	1	1	1	1	3	6	6	

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Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Aluminium sulphate, saturated	l	10043-01-3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Aluminium sulphate, anhydrous	s	10043-01-3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Amidosulfuric acid	s	5329-14-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Ammonia solution 25%	l	1336-21-6	0	0	4	3	2	2	2	5	3	4	3	4	6	6	6
Ammonium bifluoride	s	1341-49-7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Ammonium carbonate	s	506-87-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Ammonium chloride	s	12125-02-9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Ammonium hydrogen carbonate	s	1066-33-7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Ammonium hydrogen sulphate	s	7803-63-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Ammonium nitrate	s	6484-52-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Ammonium sulphate	s	7783-20-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

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Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating
Substance	State	CAS No.														
Aniline	l	62-53-3	0	0	0	0	2	2	2	2	2	2	2	1	6	6
Anthranilic acid (2-aminobenzoic acid)	s	118-92-3	6	6	6	6	6	6	6	6	6	6	2	6	6	6
Ascorbic acid	s	50-81-7	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Battery acid (sulphuric acid 25%)	l	7664-93-9	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Benzaldehyde	l	100-52-7	0	0	0	0	0	0	1	1	1	1	2	1	5	6
Benzene	l	71-43-2	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Benzenesulfonic acid	s	98-11-3	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Benzine (Naphtha)	l	---	1	1	5	6	6	6	6	6	6	6	5	2	1	6
Benzoic acid methyl ester (Methyl benzoate)	l	93-58-3	0	0	0	0	1	1	1	1	1	1	1	1	6	4
Benzoic acid	s	65-85-0	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Benzothiazole	l	95-16-9	0	0	0	0	0	0	0	0	0	0	0	0	6	6

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Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Benzoyl chloride	l	98-88-4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6
Benzyl alcohol	l	100-51-6	0	0	2	2	2	2	2	2	2	5	4	4	4	6	5
Bis(2-ethylhexyl)phthalate	l	117-81-7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Boric acid	s	10043-35-3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Buta-1,2-diene	g	590-19-2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
Butane	g	106-97-8	0	0	0	0	3	3	3	3	3	3	3	3	1	1	6
Butane-1,2-diol	l	584-03-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Butane-1,3-diol	l	107-88-0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Butane-1,4-diol	l	110-63-4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Butane-1-ol	l	71-36-3	1	1	3	6	3	3	4	6	5	6	4	5	6	6	6
Butane-2-ol	l	78-92-2	1	1	3	6	3	3	3	6	5	6	4	5	6	6	6
Butyl acrylate	l	141-32-2	0	0	0	0	0	0	0	1	0	0	0	0	0	3	2

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Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Butyl amine (1-Aminobutane)	l	109-73-9	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Butylacetate (Acetic acid butyl ester)	l	123-86-4	0	0	0	0	0	0	0	2	1	1	0	1	3	2	
Calcium carbonate	s	471-34-1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Calcium hydroxide, saturated (Lime water)	l	1305-62-0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Carbon tetrachloride	l	56-23-5	0	0	0	0	4	4	4	4	4	4	4	1	1	5	
Chlorobenzene	l	108-90-7	0	0	0	0	0	0	0	0	0	0	0	0	1	5	
Chloroform (Trichloro methane)	l	67-66-3	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Chromic acid 10%	l	7738-94-5	1	1	6	6	6	6	6	6	6	6	6	6	6	6	
Chromic acid 50%	l	7738-94-5	0	0	0	0	2	2	2	2	2	2	2	4	4	5	
Chromosulfuric acid 10%	l	65272-71-1	0	0	0	0	6	6	6	6	6	6	6	6	6	6	
Chromosulfuric acid, concentrated	l	65272-71-1	0	0	0	0	4	4	4	4	4	4	4	4	4	5	

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Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Cinnamaldehyde	l	104-55-2	0	0	0	0	2	2	2	2	2	2	0	0	6	6	
Citric acid	s	77-92-9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Copper sulphate	s	7758-98-7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Cresol, isomeric mixtures	l	1319-77-3	0	0	2	3	2	2	2	2	4	4	4	6	6	6	6
Cyclohexanol	l	108-93-0	3	3	4	4	6	6	6	6	6	6	6	6	6	6	6
Cyclohexanone (2-Butenal)	l	108-94-1	0	0	0	1	0	1	1	2	2	2	1	1	6	2	
Dibutyl phthalate (DBP)	l	84-74-2	3	3	4	4	6	6	6	6	6	6	6	6	6	6	6
Dichloroacetic acid	l	79-43-6	0	0	0	0	2	2	2	2	2	2	2	4	5	6	
Dichlorobenzene	l	95-50-1	0	0	0	0	0	0	0	1	1	1	1	1	2	5	
Dichloromethane (methylene chloride)	l	75-09-2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Diesel fuel	l	---	3	3	6	6	6	6	6	6	6	6	6	4	4	6	

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Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Diethanolamine	l	111-42-2	1	1	6	6	6	6	6	6	6	6	6	6	6	6	6
Diethyl ether	l	60-29-7	0	0	0	0	0	0	0	1	0	0	0	1	1	2	2
Diethyl ketone (3-Pentanone)	l	96-22-0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1
Diethyl phthalate (DEP)	l	84-66-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Diethylamine	l	109-89-7	0	0	0	0	0	0	0	1	0	0	0	0	1	3	3
Diethylene diamine	s	110-85-0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Diethylene diamine, saturated	l	110-85-0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Diethylene glycol	l	111-46-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Diethylene glycol monobutyl ether	l	112-34-5	2	2	6	6	6	6	6	6	6	6	6	5	6	6	6
Diisobutylketone (DIBK)	l	108-83-8	1	1	1	3	2	1	2	3	3	3	1	2	4	3	3
Dimethyl disulfide (DMDS)	l	624-92-0	0	0	0	0	1	1	1	1	1	1	1	0	2	5	5

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Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Dimethyl phthalate	l	131-11-3	4	4	6	6	6	6	6	6	6	6	6	6	6	6	6
Dimethyl sulfoxide (DMSO)	l	67-68-5	0	0	1	1	2	2	2	2	4	3	3	6	6	6	5
Dimethyl sulphate (DMS)	l	77-78-1	0	0	1	1	2	2	2	2	2	2	2	2	6	6	5
Dimethylformamide	l	68-12-2	0	0	0	0	0	0	0	0	1	1	1	1	6	6	5
EDTA (Tetranatriummethyleniditetracetat)	s	64-02-8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Epichlorhydrin (1-Chlor-2,3-Epoxypropan)	l	106-89-8	0	0	0	0	0	0	0	0	0	0	0	0	6	6	5
Ethandiol (glycol)	l	107-21-1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Ethanol amine	l	141-43-5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Ethidium bromide, 1%	l	---	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Ethyl acetate (Acetic acid ethyl ester)	l	141-78-6	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2

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Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Ethyl acrylate	l	140-88-5	0	0	0	0	1	1	1	1	1	1	1	0	3	2	
Ethyl amine, 70% solution in water	l	75-04-7	0	0	0	0	1	1	1	1	1	1	1	1	6	6	
Ethyl methacrylate	l	97-63-2	0	0	0	0	1	1	1	1	1	1	1	0	3	2	
Ethylbenzene	l	100-41-4	0	0	0	0	0	0	0	1	1	0	0	1	1	6	
Ethylene	g	74-85-1	0	0	0	0	3	3	3	3	3	3	0	1	1	6	
Ethylene glycol monobutyl ether	l	111-76-2	0	0	2	3	4	4	4	4	4	4	5	2	4	6	6
Ethylene oxide	g	75-21-8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ethylenediamine	l	107-15-3	0	0	0	0	0	0	0	0	0	0	0	0	5	6	5
Fluorosilicic acid 34%	l	16961-83-4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Formaldehyd 37%	l	50-00-0	3	4	5	6	6	6	6	5	4	6	6	5	6	6	6
Formamide	l	75-12-7	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Formic acid 98%	l	64-18-6	0	0	1	1	0	1	1	1	2	2	2	6	6	6	6

Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol

Penetration of chemical substances according to DIN EN 374-3:2003















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Name			uvex u-fit lite	uvex u-fit	uvex u-fit strong N2000	uvex u-chem 3300	uvex rubiflex S blue	uvex rubiflex S green	uvex rubiflex S XG	uvex profastron	uvex u-chem 3000	uvex u-chem 3100	uvex u-chem 3200	uvex profapren	uvex profabutyl	uvex profaviton	
Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Fumaric acid	s	110-17-8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Furfural	l	98-01-1	0	0	0	0	1	1	1	1	1	1	1	0	6	5	5
Glycerine	l	56-81-5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Hexane-1,6-diol	s	629-11-8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Hydrazine 64%	l	7803-57-8	1	1	3	3	6	6	6	6	6	6	6	6	6	6	6
Hydrobromic acid, 47%	l	10035-10-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Hydrochloric acid 10%	l	7647-01-0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Hydrochloric acid 32%	l	7647-01-0	4	5	6	6	5	5	5	6	6	6	6	6	6	6	6
Hydrochloric acid 37%	l	7647-01-0	2	3	5	6	3	3	3	6	6	6	6	6	6	6	6
Hydrofluoric acid 10%	l	7664-39-3	2	2	4	4	6	6	6	6	6	6	6	6	6	6	6
Hydrogen peroxide 3%	l	7722-84-1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Hydrogene peroxide 35%	l	7722-84-1	1	2	6	6	5	6	5	6	6	6	5	6	6	6	6















Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol

Penetration of chemical substances according to DIN EN 374-3:2003

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Name			uvex u-fit lite	uvex u-fit	uvex u-fit strong N2000	uvex u-chem 3300	uvex rubiflex S blue	uvex rubiflex S green	uvex rubiflex S XG	uvex profastron	uvex u-chem 3000	uvex u-chem 3100	uvex u-chem 3200	uvex profapren	uvex profabutyl	uvex profaviton	
Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Hydrogen peroxide 50%	l	7722-84-1	0	0	2	2	2	2	2	2	2	2	2	2	6	6	
Hydrogen peroxide 60%	l	7722-84-1	0	0	2	2	2	2	2	2	2	2	2	2	6	6	
Imidazole	s	288-32-4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Iron(II) chloride, anhydrous	s	7758-94-3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Iron(III) chloride, anhydrous	s	7705-08-0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Heptane	l	142-82-5	0	1	3	6	4	4	5	6	4	6	4	2	0	6	
Isobutyl alcohol	l	78-83-1	1	1	3	6	6	6	6	6	6	6	6	6	6	6	
Isononanic acid	l	26896-18-4	3	3	4	4	6	6	6	6	6	6	6	6	6	6	
Isopropyl benzene (Cumene)	l	98-82-8	0	0	0	1	1	1	1	1	1	2	1	0	1	5	
Isopropyl methyl ketone	l	563-80-4	0	0	0	0	1	1	1	1	1	1	1	1	3	1	
Kerosene	l	---	1	1	3	6	6	6	6	6	6	6	6	3	2	6	















Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol

																	
Name			uvex u-fit lite	uvex u-fit	uvex u-fit strong N2000	uvex u-chem 3300	uvex rubiflex S blue	uvex rubiflex S green	uvex rubiflex S XG	uvex profastron	uvex u-chem 3000	uvex u-chem 3100	uvex u-chem 3200	uvex profapren	uvex profabutyl	uvex profaviton	
Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Lactic acid 85%	l	50-21-5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Lead nitrate	s	10099-74-8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Maleic acid	s	110-16-7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Methacrylic acid	l	79-41-4	0	0	1	1	3	3	3	3	3	3	3	3	6	6	6
Methanol (methyl alcohol)	l	67-56-1	0	0	1	1	1	1	1	2	3	2	1	3	6	6	6
Methyl acetate	l	79-20-9	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2
Methyl acrylate	l	96-33-3	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2
Methyl ethyl ketone (2-Butanone, MEK)	l	78-93-3	0	0	0	0	0	0	0	0	0	0	0	1	5	1	1
Methyl isobutyl ketone (MIBK)	l	108-10-1	0	0	0	0	0	0	0	1	1	1	0	1	4	3	3
Methyl methacrylate	l	80-62-6	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1
Methyl propyl ketone (2-Pentanone)	l	107-87-9	0	0	0	0	0	0	0	0	0	0	0	1	3	1	1

Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol

Penetration of chemical substances according to DIN EN 374-3:2003

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Name			uvex u-fit lite	uvex u-fit	uvex u-fit strong N2000	uvex u-chem 3300	uvex rubiflex S blue	uvex rubiflex S green	uvex rubiflex S XG	uvex profastron	uvex u-chem 3000	uvex u-chem 3100	uvex u-chem 3200	uvex profapren	uvex profabutyl	uvex profaviton	
Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Methylamine, 40% solution in water	l	74-89-5	0	0	0	0	3	3	3	3	3	3	3	5	6	6	
Nitric acid 65%	l	7697-37-2	0	0	1	1	1	1	1	3	3	3	4	6	4	6	
Nitric acid 85%	l	7697-37-2	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
Nitric acid (fumes) 100%	l	7697-37-2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Nitrobenzene	l	98-95-3	0	0	0	1	1	1	1	1	2	2	2	1	6	6	
N-Methyl-2-pyrrolidone	l	872-50-4	0	0	0	1	1	1	1	1	3	2	2	3	6	4	
Oleic acid	l	112-80-1	1	1	2	2	6	6	6	6	6	6	6	6	6	6	
Oxalic acid, anhydrous	s	144-62-7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Paraffin, liquid	l	8002-74-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Pentane	l	109-66-0	0	0	2	5	3	4	5	6	3	4	2	1	0	6	
Perchloric acid 60%	l	7601-90-3	0	0	1	1	6	6	6	6	6	6	6	6	6	6	

Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol

Penetration of chemical substances according to DIN EN 374-3:2003















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Name			uvex u-fit lite	uvex u-fit	uvex u-fit strong N2000	uvex u-chem 3300	uvex rubiflex S blue	uvex rubiflex S green	uvex rubiflex S XG	uvex profastron	uvex u-chem 3000	uvex u-chem 3100	uvex u-chem 3200	uvex profapren	uvex profabutyl	uvex profaviton	
Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Petroleum (180/200)	l	8008-20-6	1	1	2	6	6	6	6	6	6	6	6	6	6	4	6
Phenolphthalein	s	77-09-8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Phenolphthalein, 1% in ethanol	l	---	0	0	2	3	2	3	3	4	4	4	3	4	6	6	6
Phosphoric acid 10%	l	7664-38-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Phosphoric acid 50%	l	7664-38-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Phosphoric acid 85%	l	7664-38-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Phosphorous acid 50-70%	l	10294-56-1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Potassium hydrogen carbonate	s	298-14-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Potassium hydroxide (potash) 50%	l	1310-58-3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Potassium hydroxide (potash), saturated	l	1310-58-3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Potassium hydroxide (caustic potash)	s	1310-58-3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6















Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol

Penetration of chemical substances according to DIN EN 374-3:2003

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Name			uvex u-fit lite	uvex u-fit	uvex u-fit strong N2000	uvex u-chem 3300	uvex rubiflex S blue	uvex rubiflex S green	uvex rubiflex S XG	uvex profastron	uvex u-chem 3000	uvex u-chem 3100	uvex u-chem 3200	uvex profapren	uvex profabutyl	uvex profaviton	
Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Potassium permanganate	s	7722-64-7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Propan-1-ol (Propyl alcohol)	l	71-23-8	1	1	2	4	3	3	4	6	4	5	3	4	6	6	6
Propan-2-ol (Isopropyl alcohol)	l	67-63-0	0	1	3	6	4	4	5	6	4	6	4	6	6	6	6
Propion aldehyde	l	123-38-6	0	0	0	0	0	0	0	0	0	0	0	1	5	4	4
Propionic acid 10%	l	79-09-4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Propyl acetate	l	109-60-4	0	0	0	0	0	0	0	1	0	0	0	1	3	2	2
Propylamine (1-aminopropane)	l	107-10-8	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
Propylbenzene	l	103-65-1	0	0	0	1	0	0	1	1	1	1	0	1	1	6	6
Propylene glycol (1,2-Propanediol)	l	57-55-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Propylene oxide	l	75-56-9	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Pyridine	l	110-86-1	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1















Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol

																	
Name			uvex u-fit lite	uvex u-fit	uvex u-fit strong N2000	uvex u-chem 3300	uvex rubiflex S blue	uvex rubiflex S green	uvex rubiflex S XG	uvex profastron	uvex u-chem 3000	uvex u-chem 3100	uvex u-chem 3200	uvex profapren	uvex profabutyl	uvex profaviton	
Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Salicylic acid	s	69-72-7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Silicic acid	s	7699-41-4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium acetate, anhydrous	s	127-09-3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium benzoate	s	532-32-1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium chloride	s	7647-14-5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium chromate, anhydrous	s	7775-11-3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium cyanide	s	143-33-9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium dichromate	s	10588-01-9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium ethoxide, 20% in ethanol	l	---	0	0	2	3	2	2	3	4	4	4	3	4	6	6	6
Sodium fluoride	s	7681-49-4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium hydrogen carbonate,	s	144-55-8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol

Penetration of chemical substances according to DIN EN 374-3:2003















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Name			uvex u-fit lite	uvex u-fit	uvex u-fit strong N2000	uvex u-chem 3300	uvex rubiflex S blue	uvex rubiflex S green	uvex rubiflex S XG	uvex profastron	uvex u-chem 3000	uvex u-chem 3100	uvex u-chem 3200	uvex profapren	uvex profabutyl	uvex profaviton	
Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Sodium hydroxide (caustic soda)	s	1310-73-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium hydroxide 10%	l	1310-73-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium hydroxide 20%	l	1310-73-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium hydroxide 30%	l	1310-73-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium hydroxide 40%	l	1310-73-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium hydroxide 50%	l	1310-73-2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium hypochlorite 13%	l	7681-52-9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium methoxide 30% in methanol	l	---	0	0	1	1	1	1	1	2	3	2	1	3	6	6	6
Sodium persulphate	s	7775-27-1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Sodium sulfate anhydrous	s	7757-82-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol

Penetration of chemical substances according to DIN EN 374-3:2003















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Name			uvex u-fit lite	uvex u-fit	uvex u-fit strong N2000	uvex u-chem 3300	uvex rubiflex S blue	uvex rubiflex S green	uvex rubiflex S XG	uvex profastron	uvex u-chem 3000	uvex u-chem 3100	uvex u-chem 3200	uvex profapren	uvex profabutyl	uvex profaviton		
Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating		
Substance	State	CAS No.																
Styrene	l	100-42-5	0	0	0	0	0	0	0	1	0	0	0	0	1	6		
Succinic acid	s	110-15-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Sulfanilic acid, anhydrous	s	121-57-3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Sulfamic acid	s	5329-14-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Sulfonitric mixed acid	l	51602-38-1	0	0	0	0	0	0	0	0	0	0	0	1	4	6		
Schwefelsäure 10%	l	7664-93-9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Sulphuric acid 25%	l	7664-93-9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Sulphuric acid 50%	l	7664-93-9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Sulphuric acid 96%	l	7664-93-9	0	0	2	2	1	1	1	4	2	2	3	5	4	6		
Sulphuric acid 98%	l	7664-93-9	0	0	2	2	1	1	1	2	2	2	3	5	4	6		
Tannic acid	s	1401-55-4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Tataric acid	s	---	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	

Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol

Penetration of chemical substances according to DIN EN 374-3:2003















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Name			uvex u-fit lite	uvex u-fit	uvex u-fit strong N2000	uvex u-chem 3300	uvex rubiflex S blue	uvex rubiflex S green	uvex rubiflex S XG	uvex profastron	uvex u-chem 3000	uvex u-chem 3100	uvex u-chem 3200	uvex profapren	uvex profabutyl	uvex profaviton	
Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
tert-Butylamine	l	75-64-9	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Tetrachloro ethylene (Perchloro ethylene)	l	127-18-4	0	0	1	3	0	0	1	4	1	1	1	0	0	6	
Tetrahydrofuran (THF)	l	109-99-9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Thionyl chloride	l	7719-09-7	0	0	0	0	0	0	0	0	0	0	0	0	2	5	
Thiourea	s	62-56-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Toluene	l	108-88-3	0	0	0	0	0	0	0	1	0	0	0	0	0	6	
Tolylene-2,4-diisocyanate	l	584-84-9	0	0	1	1	2	2	2	2	2	2	2	1	6	6	
Tributyl phosphate	l	126-73-8	0	0	0	0	1	1	1	1	1	1	1	2	6	3	
Trichloro ethylene	l	79-01-6	0	0	0	0	0	0	0	1	0	0	0	0	1	6	
Trichloroacetic acid, saturated	l	76-03-9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Triethanolamine 85%	l	102-71-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	

Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol

Penetration of chemical substances according to DIN EN 374-3:2003

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Name			uvex u-fit lite	uvex u-fit	uvex u-fit strong N2000	uvex u-chem 3300	uvex rubiflex S blue	uvex rubiflex S green	uvex rubiflex S XG	uvex profastron	uvex u-chem 3000	uvex u-chem 3100	uvex u-chem 3200	uvex profapren	uvex profabutyl	uvex profaviton	
Coating			nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	nitrile	chloropren	bromobuty	bromobuty with Viton® coating	
Substance	State	CAS No.															
Triethylene glycol	l	112-27-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Urea	s	57-13-6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Vinyl acetate	l	108-05-4	0	0	0	0	0	0	0	0	0	0	0	0	4	1	
Xylene (Mixture of isomers)	l	1330-20-7	0	0	0	0	0	0	0	2	0	1	0	0	1	6	

Aggregate state: s=solid, l=liquid, g=gas, p=paste-like, a=aerosol