



01. Resistance

Product	Portable liquid-tight floor / wash pad
Model	PVC (B680/B6000/B1400) - TPU (B1000TPU) - 100% TPU
Manufacturer	Buitink Technology, Duiven, The Netherlands
Date	2026-09-06
Version	01

Material selection guide

This guide lists, per chemical, the resistance of the three coating materials of our portable liquid-tight floors: PVC, TPU (Special Duty) and 100% TPU.

The values are guidelines for material selection, based on supplier data. Resistance also depends on concentration, temperature and contact time – always discuss your specific application with us.

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How to choose the right material

Our floors are available with three coating materials. Which one is right depends on the liquids the floor will be exposed to.

Material	Version	Typical use
PVC	Light, Standard and Heavy Duty (B680 / B6000 / B1400 class)	wash water, cleaning agents, most oils and fuels during short-term contact
TPU (Special Duty)	Special Duty (B1000TPU, approx. 1,000 g/m2)	improved chemical and abrasion resistance; fuels and oils during prolonged contact
100% TPU	on request	highest resistance to fuels and hydrocarbons

Key

E	Excellent – little to no effect
G	Good – satisfactory service; some deterioration possible after lengthy exposure
L	Limited – depending on concentration, temperature and contact time
U	Unsuitable – not resistant
C	Cautionary – resistance may be good, but special factors apply
-	no data

Each cell shows two values: at 21 °C / at 66 °C. Source: coating material supplier data (2016), combined by Buitink Technology.

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Frequently requested media

Chemical	PVC	TPU (Special Duty)	100% TPU
ASTM Fuel A	L / U	L / U	G / G
ASTM Fuel B	U / U	U / U	G / L
ASTM Fuel C	U / U	U / U	G / L
ASTM #1 Oil	L / U	L / U	G / G
ASTM #3 Oil	L / U	L / U	G / G
Diesel Oils	L / U	L / U	G / L
Gasoline	U / U	U / U	E / G
Gasoline - Refined	L / U	G / U	E / G
Kerosene	U / U	L / U	E / G
Fuel Oil	G / L	G / L	E / G
Lubricating Oils	G / L	G / G	E / E
Mineral Oils	G / L	E / E	E / E
Oils, Petroleum	E / G	E / E	E / E
Ethyl Alcohol 0-50%	G / L	E / G	G / L
Methyl Alcohol	L / U	L / U	L / U
Isopropylalcohol	E / G	E / G	E / G
Acetone	U / U	U / U	L / U

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Resistance table (A-A)

Chemical	PVC	TPU (Special Duty)	100% TPU
Acetate Solvents - Pure	U / U	U / U	L / U
Acetic Acid - Glacial	L / U	L / U	U / U
Acetic Acid 0- 10%	E / G	G / G	U / U
Acetic Acid 10- 20%	G / L	G / G	U / U
Acetic Acid 20- 30 Pct	G / L	G / L	U / U
Acetic Acid 30- 60%	G / L	G / L	U / U
Acetic Acid 80%	L / L	L / L	U / U
Acetic Acid Vapors	G / G	G / G	U / U
Acetic Anhydride	U / U	U / U	U / U
Acetone	U / U	U / U	L / U
Acetylene	C / C	C / C	C / C
Acrylonitrile	L / U	L / U	- / -

Chemical	PVC	TPU (Special Duty)	100% TPU
Alcohol (See Type)	- / -	- / -	- / -
Allyl Alcohol 96%	U / U	U / U	U / U
Allyl Chloride	U / U	U / U	U / U
Alum	E / E	E / E	E / E
Aluminum Chloride	E / E	E / E	G / G
Aluminum Fluoride	G / G	G / G	G / L
Aluminum Hydroxide	E / E	E / E	G / L
Aluminum Nitrate	E / E	E / E	L / L
Aluminum Oxychloride	E / E	E / E	- / -
Aluminum Sulfate	E / E	E / E	G / G
Ammonia	L / U	L / U	U / U

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Resistance table (A-A)

Chemical	PVC	TPU (Special Duty)	100% TPU
Ammonium Carbonate	E / E	E / E	E / E
Ammonium Chloride	E / E	E / E	G / L
Ammonium Fluoride 25%	U / U	U / U	L / U
Ammonium Hydroxide 28%	L / U	L / U	L / U
Ammonium Metaphosphate	E / E	E / E	G / G
Ammonium Nitrate	E / E	E / E	G / G
Ammonium Persulfate	E / E	E / E	G / G
Ammonium Phosphate	G / G	G / G	G / G
Ammonium Phosphate - Neutral	E / E	E / E	G / G
Ammonium Sulfate	E / E	E / E	E / E
Ammonium Sulfide	E / E	E / E	E / E

Chemical	PVC	TPU (Special Duty)	100% TPU
Amyl Alcohol	U / U	L / U	U / U
Amyl Chloride	U / U	U / U	- / -
Aniline	U / U	U / U	U / U
Aniline Chlorohydrate	U / U	U / U	U / U
Aniline Hydrochloride	U / U	U / U	U / U
Animal Oils	L / U	L / U	G / L
Anthraquinonesulfonic Acid	E / E	E / E	U / U
Antimony Trichloride	E / E	E / E	E / E
Apple (Sauce or Juice)	E / E	- / -	- / -
Aqua Regia	L / U	L / U	U / U
Aromatic Hydrocarbons	U / U	- / -	- / -
Arsenic Acid 80%	E / G	E / G	U / U
Arylsulfonic Acid	L / U	L / U	U / U

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Resistance table (A–B)

Chemical	PVC	TPU (Special Duty)	100% TPU
Asphalt	L / U	L / U	G / L
ASTM #1 Oil	L / U	L / U	G / G
ASTM #3 Oil	L / U	L / U	G / G
ASTM Fuel A	L / U	L / U	G / G
ASTM Fuel B	U / U	U / U	G / L
ASTM Fuel C	U / U	U / U	G / L
Barium Carbonate	E / E	E / E	E / E
Barium Chloride	E / E	E / E	E / E
Barium Hydroxide	E / E	E / E	G / L
Barium Sulfate	E / E	E / E	E / E
Barium Sulfide	E / E	E / E	E / E
Beer	E / L	- / -	- / -
Beet-Sugar Liquor	E / E	- / -	- / -

Chemical	PVC	TPU (Special Duty)	100% TPU
Benzaldehyde	U / U	U / U	U / U
Benzene	U / U	L / U	L / U
Benzoic Acid	G / L	G / L	U / U
Benzol	U / U	L / U	L / U
Bismuth Carbonate	E / E	E / E	E / E
Black Liquor (Paper industry)	E / E	E / E	- / -
Bleach - 12.5% Active CL	G / L	G / L	L / U
Borax	E / E	E / E	E / E
Boric Acid	E / E	E / E	G / U
Boron Trifluoride	E / E	E / E	E / E
Brake Fluid	U / U	U / U	U / U
Brine	E / E	E / E	G / U
Bromic Acid	E / L	E / L	U / U

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Resistance table (B-C)

Chemical	PVC	TPU (Special Duty)	100% TPU
Bromine - Liquid	U / U	U / U	U / U
Bromine - Water	U / U	U / U	U / U
Butadiene	L / U	L / L	- / -
Butane	C / C	C / C	C / C
Butanol - Primary	U / U	U / U	L / U
Butanol - Secondary	U / U	U / U	L / U
Butter	L / L	- / -	- / -
Butyl Acetate	U / U	L / U	L / U
Butyl Alcohol	L / U	L / L	L / U
Butyl Cellosolve	U / U	U / U	- / -
Butyl Phenol	L / U	L / U	- / -
Butylene	C / C	C / C	C / C
Butyric Acid 20%	L / U	L / U	L / U

Chemical	PVC	TPU (Special Duty)	100% TPU
C) Potassium Cyanide	C / C	C / C	C / C
Calcium Bisulfite	E / E	E / E	E / E
Calcium Carbonate	E / E	E / E	E / E
Calcium Chlorate	E / E	E / E	G / L
Calcium Chloride	E / E	E / E	E / G
Calcium Hydroxide	E / E	E / E	G / L
Calcium Hypochlorite	E / E	E / E	U / U
Calcium Nitrate	E / E	E / E	E / E
Calcium Sulfate	E / E	E / E	E / E
Cane Sugar Liquors	E / E	- / E	- / -
Carbon Bisulfide	U / U	U / U	- / -
Carbon Dioxide (Aqueous Solution)	E / E	E / E	E / E

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Gas (Wet)

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Resistance table (C-C)

Chemical	PVC	TPU (Special Duty)	100% TPU
Carbon Monoxide	E / E	E / E	E / E
Carbon Tetrachloride	U / U	L / U	L / U
Carbonic Acid	L / U	G / G	U / U
Casein	E / L	E / E	E / E
Castor Oil	E / E	E / E	E / E
Catsup	E / G	- / -	- / -
Caustic Potash	L / L	L / L	L / U
Cellosolve	L / U	G / L	G / L
Chloracetic Acid	E / U	E / U	U / U
Chloral Hydrate	E / E	E / E	G / L
Chloric Acid 20%	E / E	E / E	U / U
Chlorinated Hydrocarbons	U / U	U / U	U / U
Chlorine Gas (Dry)	G / G	G / G	U / U

Chemical	PVC	TPU (Special Duty)	100% TPU
Chlorine Gas (Moist)	L / U	L / L	U / U
Chlorine Water 2%	G / L	G / L	L / U
Chlorine Water Saturated	L / U	L / U	- / -
Chlorobenzene	U / U	U / U	U / U
Chloroform	U / U	U / U	U / U
Chlorsulfonic Acid	L / U	L / U	U / U
Chrome Alum	E / E	E / E	E / E
Chromic Acid 10%	G / L	G / L	U / U
Chromic Acid 25%	G / L	G / L	U / U
Chromic Acid 30%	L / U	L / U	U / U
Chromic Acid 40%	L / U	L / U	U / U
Chromic Acid 50%	L / U	L / U	U / U
Cider	E / L	- / -	- / -

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Resistance table (C–D)

Chemical	PVC	TPU (Special Duty)	100% TPU
Citric Acid	E / E	E / E	U / U
Coal Tar	U / U	U / U	U / U
Coconut Oil	G / L	E / G	E / E
Copper Chloride	E / E	E / E	E / E
Copper Cyanide	E / E	E / E	- / -
Copper Fluoride 2%	E / E	E / E	E / E
Copper Nitrate	E / G	E / E	E / E
Copper Sulfate	E / G	E / E	E / E
Corn Oils	E / G	- / -	- / -
Cottonseed Oil	G / L	E / E	E / E
Creosote	U / U	U / U	- / -
Cresol	U / U	- / -	L / U
Cresylic Acid 50%	U / U	L / L	U / U

Chemical	PVC	TPU (Special Duty)	100% TPU
Crude Oil - Sour	L / U	L / U	E / E
Crude Oil - Sweet	L / U	L / U	E / E
Cyclohexane	U / U	U / U	G / L
Cyclohexanol	U / U	U / U	L / U
Cyclohexanone	U / U	U / U	U / U
Demineralized Water	E / E	E / E	E / L
Dextrin	E / E	E / E	E / E
Dextrose	E / G	- / -	E / E
Di-acetone Alcohol	- / -	- / -	- / -
Di-isodecyl Phthalate	U / U	- / -	- / -
Diazo Salts	E / E	E / E	- / -
Dichlorobenzene	U / U	U / U	- / -
Diesel Oils	L / U	L / U	G / L

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Resistance table (D-F)

Chemical	PVC	TPU (Special Duty)	100% TPU
Diethyl Ether	U / U	U / U	G / L
Diethylene Glycol	G / L	G / L	U / U
Diglycolic Acid	E / G	E / E	- / -
Dimethylamine	U / U	U / U	U / U
Diethyl Phthalate	U / U	U / U	- / -
Disodium Phosphate	E / E	E / E	E / E
Distilled Water	E / E	E / E	E / L
Ethers	U / U	L / U	G / L
Ethyl Acetate	U / U	L / U	L / U
Ethyl Acrylate	U / U	U / U	- / -
Ethyl Alcohol 0-50%	G / L	E / G	G / L
Ethyl Alcohol 50-98%	L / U	G / L	E / G
Ethyl Chloride	U / U	U / U	U / U

Chemical	PVC	TPU (Special Duty)	100% TPU
Ethyl Ether	U / U	U / U	G / L
Ethylene Bromide	E / U	U / U	U / U
Ethylene Dichloride	U / U	U / U	U / U
Ethylene Glycol	E / E	E / E	G / L
Ethylene Oxide	U / U	U / U	U / U
Fatty Acids	E / E	E / G	G / L
Ferric Nitrate	E / E	E / E	E / E
Ferric Sulfate	E / E	E / E	E / E
Ferrous Chloride	E / E	E / E	E / E
Ferrous Sulfate	E / E	E / E	E / E
Fish Solubles	E / E	E / U	E / G
Fluorine Gas - Dry	U / U	U / U	U / U
Fluorine Gas - Wet	U / U	U / U	U / U

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Resistance table (F–G)

Chemical	PVC	TPU (Special Duty)	100% TPU
Fluoroboric Acid	E / E	E / E	E / E
Fluorosilicic Acid	E / E	E / E	U / U
Foric Acid	E / L	E / L	U / U
Formaldehyde (40% Aqueous)	U / U	G / G	- / -
Formic Acid 10%	- / -	- / -	- / -
Formic Acid 100%	- / -	- / -	- / -
Formic Acid 25%	- / -	- / -	- / -
Formic Acid 3%	- / -	- / -	- / -
Formic Acid 50%	- / -	- / -	- / -
Freon-12	L / U	G / L	E / E
Fructose	E / E	- / -	E / E
Fruit Pulps and Juices	E / E	- / -	E / E
Fuel Oil	G / L	G / L	E / G

Chemical	PVC	TPU (Special Duty)	100% TPU
Furfural	U / U	U / U	U / U
Furfuryl Alcohol	- / -	- / -	- / -
Gallic Acid	E / E	E / E	- / -
Gas - Coke Oven	G / G	G / G	G / G
Gas - Natural (Dry)	C / C	C / C	C / C
Gas - Natural (Wet)	C / C	C / C	C / C
Gasoline	U / U	U / U	E / G
Gasoline - Refined	L / U	G / U	E / G
Gasoline - Sour	L / U	G / U	E / G
Gelatine	E / E	E / E	E / E
Glucose	E / E	E / E	E / E
Glycerine (Glycerol)	E / E	E / E	E / E

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Resistance table (G–H)

Chemical	PVC	TPU (Special Duty)	100% TPU
Glycolic Acid 30%	E / E	E / E	U / U
Grease	E / L	E / G	E / G
Green Liquor (Paper industry)	E / E	E / E	- / -
Heptane	L / U	G / U	E / -
Hexadecanol	- / -	- / -	- / -
Hexane	L / U	L / U	- / -
Hexanol, Tertiary	L / U	L / U	G / -
Hydrobromic Acid 20%	E / G	E / G	U / U
Hydrochloric Acid 10%	E / G	E / G	U / U
Hydrochloric Acid 48%	E / G	E / G	U / U
Hydrofluoric 4%	E / E	E / G	U / U
Hydrofluoric Acid 10%	G / L	G / L	U / U
Hydrofluoric Acid 4%	G / G	G / G	U / U

Chemical	PVC	TPU (Special Duty)	100% TPU
Hydrofluoric Acid 48%	G / U	G / L	U / U
Hydrofluoric Acid 60%	G / U	G / U	U / U
Hydrofluorosilic Acid	G / L	G / L	U / U
Hydrogen	C / C	C / C	C / C
Hydrogen Bromide (Dry)	- / -	- / -	- / -
Hydrogen Chloride (Dry)	- / -	- / -	- / -
Hydrogen Cyanide	C / C	C / C	U / U
Hydrogen Peroxide 3 -12%	E / G	E / G	G / L
Hydrogen Peroxide 30%	E / G	E / G	G / L
Hydrogen Peroxide 50%	E / L	E / L	L / U
Hydrogen Peroxide	U / U	U / U	U / U

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Resistance table (H-L)

Chemical	PVC	TPU (Special Duty)	100% TPU
Hydrogen Sulfide - Dry	E / E	E / E	- / -
Hydrombromic Acid 20%	E / G	E / G	U / U
Hydroquinone	E / E	E / E	E / E
Hypochlorous Acid	E / E	E / E	L / U
Inks	- / -	- / -	- / -
Iodine (In Alcohol)	U / U	U / U	U / U
Iso-octane	L / U	L / U	- / -
Isopropylalcohol	E / G	E / G	- / -
Jelly	E / E	- / -	- / -
Jet Fuels JP 3, 4, 5	U / U	U / U	G / L
Kerosene	U / U	L / U	E / G
Ketones	U / U	U / U	G / L
Kraft Liquor (Paper industry)	E / E	E / E	- / -

Chemical	PVC	TPU (Special Duty)	100% TPU
Lacquer Thinners	U / U	U / U	G / -
Lactic Acid 28%	E / E	E / E	L / U
Lard Oil	E / G	E / E	E / G
Lauric Acid	E / E	E / E	L / U
Lauryl Chloride	E / E	E / E	E / G
Lauryl Sulfate	E / E	E / E	- / -
Lead Acetate	E / E	E / E	E / E
Lead Arsenate	E / E	E / E	- / -
Lead Nitrate	E / E	E / E	- / -
Lead Tetra-ethyl	E / E	E / E	- / -
Lemon Juice	E / G	- / -	- / -
Lime Sulfur	E / E	E / E	- / -
Linoleic Acid	E / E	E / E	L / U

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Chemical	PVC	TPU (Special Duty)	100% TPU
Linseed Oil	E / E	E / E	E / E
Liquors (Chemical)	E / G	E / G	- / -
Lubricating Oils	G / L	G / G	E / E
Magnesium Carbonate	E / E	E / E	E / E
Magnesium Chloride	E / E	- / -	E / E
Magnesium Hydroxide	E / E	E / E	G / L
Magnesium Nitrate	E / E	E / E	E / E
Magnesium Sulfate	E / E	E / E	E / E
Maleic Acid 25% Aqueous	E / E	E / E	L / U
Maleic Acid 50%	- / -	- / -	- / -
Maleic Acid Concentrated	- / -	- / -	- / -
Malic Acid	E / E	E / E	L / U

Chemical	PVC	TPU (Special Duty)	100% TPU
Mercuric Chloride	G / L	G / G	G / L
Mercuric Cyanide	U / U	U / U	- / -
Mercurous Nitrate	G / G	G / G	G / G
Mercury	G / G	G / G	- / -
Methyl Acetate	U / U	U / U	- / -
Methyl Alcohol	L / U	L / U	L / U
Methyl Bromide	U / U	U / U	- / -
Methyl Chloride	U / U	U / U	U / U
Methyl Ethyl Ketone	U / U	U / U	L / U
Methyl Isobutyl Ketone	U / U	U / U	- / -
Methyl Sulfate	E / G	E / G	E / G
Methyl Sulfuric Acid	E / E	E / E	U / U

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Chemical	PVC	TPU (Special Duty)	100% TPU
Methylene Chloride	U / U	L / U	U / U
Milk	E / E	- / -	- / -
Mineral Oils	G / L	E / E	E / E
Mineral Spirits	- / -	- / -	- / -
Molasses	E / E	E / E	E / E
Monochlorobenzene	U / U	U / U	- / -
Naphtha	U / U	L / U	G / U
Napthalene	U / U	U / U	- / -
Nickel Acetate	E / E	E / E	E / E
Nickel Chloride	E / E	E / E	E / E
Nickel Nitrate	E / E	E / E	E / E
Nickel Sulphate	E / E	E / E	E / E
Nicotine	E / E	E / E	C / C

Chemical	PVC	TPU (Special Duty)	100% TPU
Nicotine Acid	E / G	E / E	C / C
Nitric Acid (Anhydrous)	U / U	U / U	U / U
Nitric Acid 10%	E / G	G / L	U / U
Nitric Acid 25%	G / L	G / L	U / U
Nitric Acid 35%	G / L	G / L	U / U
Nitric Acid 40%	G / L	G / L	U / U
Nitric Acid 50%	G / U	G / U	U / U
Nitric Acid 60%	G / U	G / U	U / U
Nitric Acid 68%	L / U	L / U	U / U
Nitric Acid 70%	U / U	U / U	U / U
Nitrobenzene	U / U	U / U	U / U
Nitrous Oxide	E / E	E / E	E / E
No Data Acetaldehyde	U / U	U / U	U / U

16.

Resistance

Product
Portable liquid-tight floor / wash pad

Model
PVC (B680/B6000/B1400) - TPU
(B1000TPU) - 100% TPU

Manufacturer
Buitink Technology, Duiven, The Netherlands

Date
2026-09-06

Version
01

Resistance table (N-P)

Chemical	PVC	TPU (Special Duty)	100% TPU
No Data Anthraquinone	E / E	E / E	- / -
No Data Caustic Soda	L / L	L / L	L / U
No Data Ferric Chloride	E / E	E / E	E / E
No Data Isopropyl Acetate	U / U	- / -	- / -
Oils and Fats	E / G	E / E	E / E
Oils, Petroleum	E / G	E / E	E / E
Oleic Acid	G / L	G / L	U / U
Oleum	U / U	U / U	U / U
Orange Juice	E / E	- / -	- / -
Oxalic Acid	E / G	E / G	U / U
Oxygen	E / G	E / G	E / E
Ozone	L / U	L / U	- / -
Palmitic Acid 10%	E / E	E / E	U / U

Chemical	PVC	TPU (Special Duty)	100% TPU
Palmitic Acid 70%	L / U	L / U	U / U
Paraffin	E / G	E / G	E / G
Pentane	L / U	L / U	- / -
Peracetic Acid 40%	U / U	U / U	U / U
Perchlorethylene	U / U	U / U	- / -
Perchloric Acid 10%	G / L	G / L	U / U
Perchloric Acid 70%	L / U	L / U	U / U
Petrol	U / U	U / U	- / -
Petroleum Ether	L / L	L / L	- / -
Phenol	U / U	U / U	U / U
Phenylhydrazine	U / U	U / U	- / -
Phenylhydrazine Hydrochloride	L / U	L / U	- / -
Phosgene (Gas)	C / C	C / C	- / -

17.

Resistance

Product
Portable liquid-tight floor / wash pad

Model
PVC (B680/B6000/B1400) - TPU
(B1000TPU) - 100% TPU

Manufacturer
Buitink Technology, Duiven, The Netherlands

Date
2026-09-06

Version
01

Resistance table (P-P)

Chemical	PVC	TPU (Special Duty)	100% TPU
Phosgene (Liquid)	U / U	- / -	- / -
Phosphoric Acid 0-25%	E / G	E / G	U / U
Phosphoric Acid 25-50%	E / G	E / G	U / U
Phosphoric Acid 50-90%	E / G	E / G	U / U
Phosphorus (Yellow)	G / L	G / L	- / -
Phosphorus Pentoxide	L / U	L / U	- / -
Phosphorus Trichloride	U / U	U / U	- / -
Photographic Developers	L / U	L / U	L / -
Photographic Emulsions	L / U	L / U	- / -
Photographic Fixers	L / U	L / U	- / -
Picric Acid	U / U	U / U	U / U

Chemical	PVC	TPU (Special Duty)	100% TPU
Plating Solutions Cadmium	E / E	E / E	E / E
Plating Solutions Chromium	G / G	G / G	G / G
Plating Solutions Copper	E / E	E / E	E / E
Plating Solutions Gold	E / E	E / E	E / E
Plating Solutions Jodium	E / E	E / E	E / E
Plating Solutions Lead	E / E	E / E	E / E
Plating Solutions Nickel	E / E	E / E	E / E
Plating Solutions Rhodium	E / E	E / E	E / E
Plating Solutions Silver	E / E	E / E	E / E
Plating Solutions Tin	E / E	E / E	E / E

⊕ Chemical resistance — coating materials portable liquid-tight floors

18.

Resistance

Product
Portable liquid-tight floor / wash pad

Model
PVC (B680/B6000/B1400) - TPU
(B1000TPU) - 100% TPU

Manufacturer
Buitink Technology, Duiven, The Netherlands

Date
2026-09-06

Version
01

Resistance table (P-P)

Chemical	TPU (Special Duty)			Chemical	TPU (Special Duty)		
	PVC		100% TPU		PVC		100% TPU
Potassium Antimonate	E / E	E / E	E / E	Potassium Dichromate 40%	E / E	E / E	G / G
Potassium Bicarbonate	E / E	E / E	E / E	Potassium Ferricyanide	E / E	E / E	E / E
Potassium Bichromate	E / E	E / E	E / E	Potassium Fluoride	E / E	E / E	E / G
Potassium Bisulfite	E / E	E / E	E / E	Potassium Hydroxide 10%	E / E	E / E	L / U
Potassium Bisulphate	G / L	- / -	- / -	Potassium Hydroxide 20%	E / E	E / E	U / U
Potassium Borate 1%	E / E	E / E	E / E	Potassium Hydroxide 35%	E / E	E / E	U / U
Potassium Bromate 10%	E / E	E / E	E / E	Potassium Hydroxide Conc.	- / -	- / -	- / -
Potassium Bromide	E / E	E / E	E / E	Potassium Hypochlorite	G / L	G / L	U / U
Potassium Carbonate	E / E	E / E	E / E	Potassium Nitrate	E / E	E / E	E / E
Potassium Chlorate	E / E	E / E	G / G	Potassium Perborate	E / E	E / E	E / E

⊕ Chemical resistance — coating materials portable liquid-tight floors

Perchlorite

19.

Resistance

Product
Portable liquid-tight floor / wash pad

Model
PVC (B680/B6000/B1400) - TPU
(B1000TPU) - 100% TPU

Manufacturer
Buitink Technology, Duiven, The Netherlands

Date
2026-09-06

Version
01

Resistance table (P-S)

Chemical	PVC	TPU (Special Duty)	100% TPU
Potassium Phosphate	- / -	- / -	- / -
Potassium Sulfate	E / E	E / E	E / E
Potassium Sulfide	E / E	E / E	E / E
Potassium Thiosulfate	E / E	E / E	E / E
Power Steering Fluid	E / L	E / L	E / E
Propane	C / C	C / C	C / C
Propargyl Alcohol	E / E	E / E	- / -
Propyl Alcohol	E / L	E / E	G / L
Propylene Dichloride	U / U	U / U	U / U
Propylene Glycol	- / -	- / -	- / -
Prune Juice	E / E	- / -	- / -
Salicylic Acid	- / -	- / -	- / -

Chemical	PVC	TPU (Special Duty)	100% TPU
Selenic Acid	E / G	E / G	U / U
Shortening	G / L	- / -	- / -
Silicic Acid	E / E	E / E	U / U
Silicone Fluids	- / -	- / -	- / -
Silver Cyanide	E / E	E / E	E / E
Silver Nitrate	E / E	E / E	E / E
Silver Plating Solutions	E / G	E / G	E / E
Soap Solution	E / G	E / G	G / U
Sodium Acetate	E / E	E / E	E / E
Sodium Acid Sulfate	E / E	E / E	E / E
Sodium Antimonate	E / E	E / E	E / E
Sodium Arsenite	E / E	E / E	E / E
Sodium	E / G	E / E	E / E

⊕ Chemical resistance — coating materials portable liquid-tight floors

20.

Resistance

Product
Portable liquid-tight floor / wash pad

Model
PVC (B680/B6000/B1400) - TPU
(B1000TPU) - 100% TPU

Manufacturer
Buitink Technology, Duiven, The Netherlands

Date
2026-09-06

Version
01

Resistance table (S-S)

Chemical	PVC	TPU (Special Duty)	100% TPU
Sodium Bicarbonate	E / E	E / E	E / E
Sodium Bisulfate	E / E	E / E	E / E
Sodium Bisulfite	E / E	E / E	E / E
Sodium Bromide	E / E	E / E	E / G
Sodium Carbonate (Soda Ash)	E / E	E / E	E / E
Sodium Chlorate	G / L	G / L	G / G
Sodium Chloride	E / E	E / E	E / G
Sodium Cyanide	E / E	E / E	E / E
Sodium Dichromate	E / G	E / G	E / G
Sodium Ferricyanide	E / E	E / E	E / E
Sodium Ferrocyanide	E / E	E / E	E / E
Sodium Fluoride	E / E	E / E	E / G

Chemical	PVC	TPU (Special Duty)	100% TPU
Sodium Hydroxide 35%	E / G	E / E	L / U
Sodium Hydroxide 50%	G / L	- / -	- / -
Sodium Hypochlorite	E / E	E / E	U / U
Sodium Nitrate	E / E	E / E	E / E
Sodium Nitrite	E / E	E / E	E / E
Sodium Phosphate-Acid	G / G	G / G	U / U
Sodium Silicate	E / E	E / E	E / E
Sodium Sulfate	E / E	E / E	E / E
Sodium Sulfide	E / E	E / E	E / E
Sodium Sulfite	E / E	E / E	E / E
Sodium Thisulfate (Hypo)	E / E	E / E	E / G
Soft Drinks	E / G	- / -	- / -

⊕ Chemical resistance — coating materials portable liquid-tight floors

21.

Resistance

Product
Portable liquid-tight floor / wash pad

Model
PVC (B680/B6000/B1400) - TPU
(B1000TPU) - 100% TPU

Manufacturer
Buitink Technology, Duiven, The Netherlands

Date
2026-09-06

Version
01

Resistance table (S-T)

Chemical	PVC	TPU (Special Duty)	100% TPU
Soybean Oil	G / L	- / -	- / -
Stannic Chloride	E / E	E / E	E / G
Stannous Chloride	E / G	E / G	E / G
Starch	- / -	- / -	- / -
Stearic Acid	L / L	L / L	L / U
Stoddard Solvent	L / U	G / L	G / U
Styrene	U / U	U / U	- / -
Sucrose	- / -	- / -	- / -
Sulfur	G / G	G / G	- / -
Sulfuric Acid 0-10%	E / G	E / G	U / U
Sulfuric Acid 10-40%	E / G	E / G	U / U
Sulfuric Acid 50-60%	E / G	E / G	U / U
Sulfuric Acid 70%	E / G	E / G	U / U

Chemical	PVC	TPU (Special Duty)	100% TPU
Sulfuric Acid 95%	U / U	U / U	U / U
Sulfuric Acid 95% to Fuming	L / L	L / L	U / U
Sulfurous Acid	E / E	E / E	U / U
Sulphur Dioxide - Liquid	L / U	L / U	- / -
Sulphur Dioxide Gas - Dry	E / E	E / E	- / -
Sulphur Dioxide Gas - Wet	L / U	L / L	- / -
Sulphur Trioxide	E / G	E / G	- / -
Sulphurous Acid 10%	- / -	- / -	- / -
Sulphurous Acid 30%	- / -	- / -	- / -
Tallow	- / -	- / -	- / -
Tannic Acid	E / E	E / E	L / U
Tanning Liquors	E / E	E / E	- / -

⊕ Chemical resistance — coating materials portable liquid-tight floors

22.

Resistance

Product
Portable liquid-tight floor / wash pad

Model
PVC (B680/B6000/B1400) - TPU
(B1000TPU) - 100% TPU

Manufacturer
Buitink Technology, Duiven, The Netherlands

Date
2026-09-06

Version
01

Resistance table (T-V)

Chemical	PVC	TPU (Special Duty)	100% TPU
Tartaric Acid	E / E	E / E	L / U
Tea (Brewed)	E / G	- / -	- / -
Tetraethyl Lead	G / L	G / G	G / G
Tetrahydrofurane	U / U	U / U	U / U
Thionyl Chloride	U / U	U / U	U / U
Tin Chloride	E / E	E / E	E / E
Titanium Tertachloride	E / U	E / U	L / E
Titanium Trichloride	- / -	- / -	- / -
Toluol or Toluene	U / U	L / U	L / U
Tomato Juice	E / E	- / -	- / -
Transformer Oil	- / -	- / -	- / -
Transmission Fluid	E / L	E / L	E / E
Tributyl Phosphate	U / U	U / U	- / -

Chemical	PVC	TPU (Special Duty)	100% TPU
Trichlorobenzene	U / U	U / U	- / -
Trichloroethylene	U / U	L / U	L / U
Tricresyl Phosphate	U / U	U / U	U / U
Triethanolamine	L / U	G / U	- / -
Triethylamine	G / L	G / L	- / -
Trimethyl Propane	L / U	L / U	- / -
Trisodium Phosphate	E / E	E / E	L / U
Turpentine	L / U	G / L	U / U
Urea	E / E	E / E	- / -
Urine	E / E	E / E	E / E
Varnish	U / U	U / U	E / G
Varsol	- / -	- / -	- / -
Vegetable Oils	G / L	G / L	- / -

⊕ Chemical resistance — coating materials portable liquid-tight floors

23.

Resistance

Product
Portable liquid-tight floor / wash pad

Model
PVC (B680/B6000/B1400) - TPU
(B1000TPU) - 100% TPU

Manufacturer
Buitink Technology, Duiven, The Netherlands

Date
2026-09-06

Version
01

Resistance table (V-Z)

Chemical	PVC	TPU (Special Duty)	100% TPU
Vinegar	E / E	- / -	G / L
Vinyl Acetate	U / U	U / U	U / U
Vinyl Chloride	U / U	U / U	- / -
Water	E / E	E / G	E / L
Water-Acid Mine Water	E / E	E / E	G / U
Water-Distilled	E / E	E / E	G / U
Water-Fresh	E / E	E / E	G / U
Water-Salt	E / E	E / E	G / U
Weed Killer	E / L	E / G	- / -
Whey	E / G	- / -	- / -
Whiskey	L / U	- / -	- / -
White Gasoline	E / E	E / E	E / G
White Liquor (Paper industry)	E / E	E / E	- / -

Chemical	PVC	TPU (Special Duty)	100% TPU
Wines	G / L	- / -	- / -
Xylene or Xylol	U / U	L / U	G / L
Zinc Chloride	E / E	E / E	E / E
Zinc Chromate	E / E	E / E	E / E
Zinc Cyanide	E / E	E / E	E / E
Zinc Nitrate	E / E	E / E	E / E
Zinc Sulfate	E / E	E / E	E / E