

All data is for a temperature of + 20 °C


**Inorganic chemicals**

Alums, cold-saturated concentration	☒
Aluminium salts, any concentration	☒
Ammonia, aqueous, 10% concentration	☒
Ammonium acetate, aqueous, any concentration	☒
Ammonium carbonate, aqueous, any concentration	☒
Ammonium chloride, aqueous, any concentration	☒
Barium salts, any concentration	☒
Boric acid, aqueous	☒
Calcium chloride, aqueous, cold-saturated concentration	☒
Calcium nitrate, aqueous, cold-saturated concentration	☒
Chromium salts, aqueous, cold-saturated concentration	☒
Potassium carbonate, aqueous (potash)	☒
Potassium chlorate, aqueous, cold-saturated concentration	☒
Potassium chloride, aqueous, cold-saturated concentration	☒
Potassium dichromate, aqueous	☒
Potassium iodide, aqueous	☒
Potassium nitrate, aqueous, cold-saturated concentration	☒
Potassium permanganate, aqueous	☒
Potassium sulphate, aqueous	☒
Copper salts, aqueous, cold-saturated concentration	☒
Magnesium salts, aqueous, cold-saturated concentration	☒
Sodium bicarbonate, aqueous (natron)	☒
Sodium bisulphite, aqueous	☒
Sodium chloride, aqueous (table salt)	☒
Sodium thiosulphate, aqueous (fixing salt)	☒
Nickel salts, aqueous, cold-saturated concentration	☒
Phosphoric acid, 50% concentration	☒
Mercury, 100% concentration	☒
Mercury salts, aqueous, cold-saturated concentration	☒
Nitric acid, 30% concentration	☒
Hydrochloric acid, concentrated	☒
Sulphur, 100% concentration	☒
Sulphur dioxide, gaseous	☒
Carbon disulphide	☒
Hydrogen sulphide	☒
Sea water	☒
Silver salts, aqueous	☒
Hydrogen peroxide, 3% concentration	☒
Zinc salts, aqueous	☒
Tin(II) chloride	☒

**Organic chemicals**

Ethanol, 100% concentration	☒
Formic acid, 30% concentration	☒
Petrol	☒
Succinic acid, aqueous, cold-saturated concentration	☒
Acetic acid, 20% concentration	☒
Hydraulic oil	☒
Isopropanol, 100% concentration	☒
Machinery oil	☒
Methanol, 100% concentration	☒
Oxalic acid, aqueous, cold-saturated concentration	☒
Cutting oil	☒
Plant-based oils + fats	☒
Tartaric acids, aqueous	☒
Citric acid	☒

☒ no or slight reaction      = good resistance  
 ☒ slight to moderate reaction = moderate resistance  
 ☒ moderate to strong reaction = low/no resistance

	Cable designations					
ÖLFLEX® SMART 108, ÖLFLEX® CLASSIC 100, 110, 115 CY, 100 BK, 110 BK, 110 CY BK, ÖLFLEX® 2SYSLCY, 9YSLCY, ÖLFLEX® EB, EB CY, SF, UNITRONIC® 100, 100 CY	☒	☒	☒	☒	☒	☒
ÖLFLEX® FD 90, FD 90 CY, ÖLFLEX® 140, 140 CY, TRAY II CY, ÖLFLEX® CHAIN 809, 809 CY, 809 SC, 809 SC CY, ÖLFLEX® CHAIN TM, ÖLFLEX® CHAIN TM CY, ÖLFLEX® 150, 150 CY, 191, 191 CY, ÖLFLEX® FD 891/891 CY, TRAY II ÖLFLEX® SERVO 719 CY, ÖLFLEX® SERVO 719, ÖLFLEX® SERVO 728 CY, ÖLFLEX® SERVO 7DSL, ÖLFLEX® SERVO FD 781 CY, ÖLFLEX® CONTROL TM/TM CY	☒	☒	☒	☒	☒	☒
ÖLFLEX® CLASSIC 100 SY, ÖLFLEX® CLASSIC 100 CY, ÖLFLEX® CLASSIC 110 SY, 110 CY, ÖLFLEX® FD CLASSIC 810, 810 CY	☒	☒	☒	☒	☒	☒
ÖLFLEX® CLASSIC 400 P, 400 CP, 415 CP, 440 CP, 440 P, 408 P, 409 P, 450 P, 500 P, 540 CP, 540 P, 550 P, ÖLFLEX® PETRO C HFR, ÖLFLEX® SERVO FD 796 P, 796 CP, 798 CP, FD 7DSL, CLASSIC 810 P, 810 CP, 855 P, 855 CP, 865 CP, ÖLFLEX® FD 891 P, ÖLFLEX® CHAIN 808 P, 808 CP, ÖLFLEX® CHAIN 896 P, ÖLFLEX® Robot 900, F1, ÖLFLEX® CRANE 90 CP, ÖLFLEX® CRANE 110 Y, UNITRONIC® FD P, UNITRONIC® FD CP, UNITRONIC® FD CP (TP), HITRONIC® with PUR sheath, UNITRONIC® PUR, SERVO cable as per SIEMENS® FX8 PLUS Standard	☒	☒	☒	☒	☒	☒
ÖLFLEX® CRANE round and flat	☒	☒	☒	☒	☒	☒
ÖLFLEX® LIFT T, LIFT S, ÖLFLEX® CRANE 2S, ÖLFLEX® LIFT F, ÖLFLEX® SF, Single-core products LIFY, LIFY 1 KV	☒	☒	☒	☒	☒	☒
ÖLFLEX® HEAT 105, ÖLFLEX® CHAIN PN	☒	☒	☒	☒	☒	☒
ÖLFLEX® HEAT 180	☒	☒	☒	☒	☒	☒
ÖLFLEX® HEAT 205/240	☒	☒	☒	☒	☒	☒

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Halogen-free cables, NHXMH, J-H(ST)H, ÖLFLEX® 130 H, 135 CH, 130 H BK 0.6/1 kV, 135 CH BK 0.6/1 kV.	☒	☒	☒	☒	☒	☒	☒	☒	☒
UNITRONIC® LiHH, LiHC, LiHCH(TP)	☒	☒	☒	☒	☒	☒	☒	☒	☒
HITRONIC® fibre-optic cables	☒	☒	☒	☒	☒	☒	☒	☒	☒
UNITRONIC® FD, FD CY, UNITRONIC® LiYY, LiYCY, LiNYCY(TP), UNITRONIC® Li2YYCY(TP), Li2YCY PiMF, ETHERLINE® LAN	☒	☒	☒	☒	☒	☒	☒	☒	☒
J-Y(STY), JE-Y(STY), JE-LiY(STY), J-Y, JE-YY	☒	☒	☒	☒	☒	☒	☒	☒	☒
Coaxial cables (PE), A-2Y(L)2Y, A-2YF(L)2Y, HITRONIC® with PE sheath	☒	☒	☒	☒	☒	☒	☒	☒	☒
ESUY copper earthing cable, X00V3-D	☒	☒	☒	☒	☒	☒	☒	☒	☒
ÖLFLEX® CRANE NSHTÖU, NSGAFÖL; H01N2-D, ÖLFLEX® CRANE VS (NSHTÖU, H05RN-F, H07RN-F, 07RN8-F	☒	☒	☒	☒	☒	☒	☒	☒	☒
LiY single cores, H05Y-K, H07V-K, LiFY, LiFY 1 kV, Multi-Standard SC 1, Multi-Standard SC 2.1, Multi-Standard SC 2.2	☒	☒	☒	☒	☒	☒	☒	☒	☒
H05RR-F	☒	☒	☒	☒	☒	☒	☒	☒	☒
ÖLFLEX® ROBUST 200, 210, 215 C, ÖLFLEX® ROBUST FD, ROBUST FD C, UNITRONIC® ROBUST, ROBUST C	☒	☒	☒	☒	☒	☒	☒	☒	☒
ETHERLINE® ROBUST	☒	☒	☒	☒	☒	☒	☒	☒	☒

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