



FILMTEC Membranes
Addendum: Conductivity of Ions

Conductivity of
Ions

Table 9.2 Conductivity of ions expressed as $\mu\text{S}/\text{cm}$ per meq/l, infinitely diluted

Ion	68°F (20°C)	77°F (25°C)	212°F (100°C)
H ⁺	328	350	646
Na ⁺	45	50.1	155
K ⁺	67	73.5	200
NH ₄ ⁺	67	73.5	200
Mg ⁺⁺	47	53.1	170
Ca ⁺⁺	53.7	59.5	191
OH ⁻	179	197	446
Cl ⁻	69.0	76.3	207
HCO ₃	36.5	44.5	—
NO ₃ ⁻	65.2	71.4	178
H ₂ PO ₄ ⁻	30.1	36.0	—
CO ₃ ⁻	63.0	72.0	—
HPO ₄ ⁻	—	53.4	—
SO ₄ ⁻	71.8	79.8	234
PO ₄ ⁻	—	69.0	—

Source: Landolf-Börnstein 6^o edition Band II/7

FILMTEC™ Membranes
For more information about FILMTEC
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Notice: The use of this product in and of itself does not necessarily guarantee the removal of cysts and pathogens from water. Effective cyst and pathogen reduction is dependent on the complete system design and on the operation and maintenance of the system.

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