

Electrical Conductivity

Material	σ at 20 °C
Copper	$6.3 \times 10^7 \text{ S/m}$
Sea water	4.8
Deionized water	5.5×10^{-6}
Molten NaCl	0.1 at 800 °C
Halite	10^{-10}
Teflon	10^{-24}