



Potential difference between dissimilar metals (at 25 deg. C.).

In this chart typical values of the e.m.f. between various metals and a Calomel electrode in sea water are given. The e.m.f. between any pair of the metals when in contact with one another is equal to the difference between the values given for them individually. The materials having the greater negative value will tend to corrode.

The following values may be taken as acceptable for metal-to-metal contact without interface protection.

CONDITION	MAX. POTENTIAL DIFFERENCE
MARINE AND OUTDOOR ENVIRONMENT	0.3 VOLTS
INDOOR ENVIRONMENT	0.5 VOLTS
INTERIOR ASSEMBLIES, HERMETICALLY SEALED	NO RESTRICTION