

# The thermoelectric series

The thermoelectric series is a set of [elements](#) that can be used to build thermocouples and which participate in the [Seebeck effect](#) and it's inverse, the [Peltier effect](#).

As you move the two elements you are using closer in the table, the thermoelectric yield goes down, as it does when you reduce the temperature difference

The following table gives the elements in the thermoelectric series in order:

Silicon  
Bismuth  
Nickel  
Cobalt  
Palladium  
Platinum  
Uranium  
Copper  
Manganese  
Titanium  
[Mercury](#)  
Lead  
Tin  
Chromium  
Molybdenum  
Rhodium  
Iridium  
Gold  
Silver  
Aluminium  
Zinc  
Tungsten  
Cadmium  
Iron  
Arsenic  
Tellurium  
Germanium

[link back to site index](#)

last modified 04:58 2006/04/25