



Wire Designations And What They Mean

MTW = Machine Tool Wire (UL)

RHH/RHW = Rubber insulated High Heat/Water Resistant insulated wire (UL)

SIS = Synthetic Insulated Switchboard wire (UL)

TEWN = Thermoplastic insulated Equipment Wire Nylon jacketed wire (CSA)

TFFN = Thermoplastic Flexible Fixture wire Nylon jacketed (UL)

TFN = Thermoplastic Fixture Wire Nylon jacketed (UL)

THHN = Thermoplastic High Heat Resistant Nylon jacketed insulated wire (UL)

THW = Thermoplastic Heat and Water Resistant insulated wire (UL)

THWN = Thermoplastic Heat and Water Resistant insulated wire, Nylon jacketed (UL)

TWN = Thermoplastic Water Resistant insulated wire, Nylon jacketed (CSA)

USE = Underground Service Entrance cable

XHHW = Cross-linked High Heat Water Resistant insulated wire (UL)

Portable Cord Letters and Connotations

S = 600 Volt Service Cord (First recognized by UL)

J = Junior Service - 300 Volt

T = Thermoplastic

V = Vacuum Cord

E = Elastomer (Looks and feels like rubber, but is actually a thermoplastic)

O = Oil Resistant outer jacket

OO = Oil Resistant outer jacket and Oil Resistant insulation

W = CSA Weather and Water Resistant (Approved for indoor and outdoor use)**

**Do not confuse