

UL 83 | CSA 75 | Thermoplastic - Insulated Wires and Cables

Flexible, Easy to Install Insulated Wires, Cables and Retractable.

Engineered for rugged industrial applications and wet use locations, our UL 83 | CSA 75 products are ideally suited for exposed run tray cable, instrumentation tray cable, power limited tray cable and wind turbine tray cable. Flexible for easy installation, single and multi-conductor configurations add to the versatility of this widely recognized standard. Select from custom options, including resistance to cuts, UV, oil, flame and silicone free offerings.

	TW, THW, THW-2, THHW	THWN, THWN-2, THHN	TW75, TWN75 (CSA75)	T90 (CSA75)
FEATURES				
Control	✓	✓	✓	✓
Instrumentation	✓	✓	✓	✓
Power	✓	✓	✓	✓
ATTRIBUTES				
Low-Temperature Rating	≤ -25°C	≤ -25°C	≤ -25°C	≤ -25°C
High-Temperature Rating	≥ 90°C	≥ 90°C	≥ 75°C	≥ 90°C
Cold Bend	≤ -25°C	≤ -25°C	≤ -25°C	≤ -25°C
Cold Impact	★	★	★	★
Flame Resistant	VW-1, FT1, UL 1581 Section 1060	VW-1, FT1, UL 1581 Section 1060	VW-1, FT1, UL 1581 Section 1060	VW-1, FT1, UL 1581 Section 1060
Exposed Run Rated	✓	✓	✓	✓
Wet Location Use	✓	not THHN	✓	-
Oil Resistant	PRI and PRII	PRI and PRII	PRI and PRII	PRI and PRII
Sunlight / UV Resistant	✓	✓	✓	✓
Cut / Abrasion Resistant	✓	✓	✓	✓
FLEXIBILITY				
Torsional Flex	★	★	★	★
Rolling Flex	★	★	★	★
Variable Flex	★	★	★	★
Bend Flex	★	★	★	★
Continuous Flex	★	★	★	★
STANDARDS, AGENCY AND ENVIRONMENTAL COMPLIANCE				
UL	✓	✓	-	-
ANSI	✓	✓	-	-
CSA	-	-	✓	✓
CE	✓	✓	✓	✓
NEC®	✓	✓	-	-
NFPA 70	✓	✓	-	-
RoHS2	✓	✓	✓	✓
REACH	✓	✓	✓	✓

STANDARDS, AGENCY AND ENVIRONMENTAL COMPLIANCE:



- KEY:**
- Not Applicable
 - ✓ Featured
 - ★ Cost Competitive Custom Options Available