



High Temperature Custom Engineered Cables

Cable USA Approvals List

UL LISTED WIRE & CABLE

PLENUM CABLES

Type	Temperature	Voltage		Insulation
CMP	150/200C	NA	28-10 AWG	FEP/ECTFE PRIMES, FEP/HALAR®/GW3000 JKTS.
CL2P	150/200C	NA	30-12 AWG	FEP/ECTFE PRIMES, FEP/HALAR®/GW3000 JKTS.
CL3P	150/200C	NA	24-12 AWG	FEP/ECTFE PRIMES, FEP/HALAR®/GW3000 JKTS.
FPLP	150/200C	NA	24-12 AWG	FEP/ECTFE PRIMES, FEP/HALAR®/GW3000 JKTS.

FIXTURE WIRE

Type	Temperature	Voltage		Insulation
SF-1	200C	300	18 AWG	BRAIDED SILICONE RUBBER
SF-2	200C	600	18-14 AWG	BRAIDED SILICONE RUBBER
SFF-1	150C	300	18 AWG	BRAIDED SILICONE RUBBER
SFF-2	150C	600	18-14 AWG	BRAIDED SILICONE RUBBER
PF	200C	600	18-14 AWG	FEP
PFF	150C	600	18-14 AWG	FEP
PGF	200C	600	18-14 AWG	FEP W/FIBERGLASS BRAID
PGFF	150C	600	16-14 AWG	FEP W/FIBERGLASS BRAID

BUILDING WIRE

Type	Temperature	Voltage		Insulation
FEP	150/200C	600	14-2 AWG	FEP
FEPB	150/200C	600	14-2 AWG	FEP W/FIBERGLASS BRAID
PFA	90/200C	600	14-4/0	PFA
PFAH	250C DRY	600	14-4/0	PFA
Z	90/150C	600	14-4/0	ETFE
ZW	75 WET, 90/150C	600	14-4/0	ETFE

TRAY CABLE

Type	Temperature	Voltage		Insulation
TC	90/200C*	600	14-2 AWG	FEP PRIMES W/FEP JACKET
TC	90/200C*	600	18-16 AWG	PF,PFF,PGF,PGFF PRIMES W/FEP JACKET
TC	90C	600	14-2 AWG	FEP PRIMES W/PVC JACKET
TC	90C	600	18-16 AWG	PF,PFF,PGF,PGFF PRIMES W/PVC JACKET

*200C Special Application (Spec. App.)

METAL - CLAD CABLES

Type	Temperature	Voltage		Insulation
MC	90/150/200C	600	18-2000MCM	Any Listed Conductor Types

DATA PROCESSING CABLES

Type	Temperature	Voltage		Insulation
DP-1	90/200C	600	18-2 AWG	FEP/FEP OR FEP/V (TRAY CABLE EQUAL)
DP-1	90/150/200C	600	1/0-4/0 AWG	PFA .075" WALL
DP-1P	200C	600	18-4/0 AWG	FEP/FEP
DP-2	105/200C	300	22-12AWG	FEPV OR FEP/FEP (PLTC EQUAL)
DP-2	60/75/90/105C	300	22-12AWG	SGNV (PLTC EQUAL)
DP-3P	150/200C	NA	28-10 AWG	FEP OR ECTFE PRIMES & JACKETS (CL2P EQUAL)
DP-3P	60C	NA	24-12 AWG	ECTFE PRIMES, GW3000 JKT (CL2P EQUAL)

POWER LIMITED TRAY CABLE (PLTC)

Type	Temperature	Voltage		Insulation
PLTC (SGNV)	105C	300	22-12 AWG	SR/GB/NYLON W/PVC JKT
PLTC (FEPV)	105C	300	22-12 AWG	FEP PRIMES W/PVC JKT
PLTC ETFE/ETFE	150C	300	22-12 AWG	(ETFE)(ETFE)

Cable USA, Inc.

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UL FILE NUMBERS

Type	Category Control No. (CCN)	UL Subject	File Number
Communications Cable (CMP)	DUZX	UL444	E107740
Processed Wire (Respool Labels)	ZKLU2		E123356
Fixture Wire (SF, SFF, PF, PFF, PGF, PGFF)	ZIPR	UL62	E125673
Appliance Wiring Material (AWM)	AVLV2	UL83, 62	E93678
Power Limited Fire-Protective Signaling Cable (FPLP)	HNIR	UL1424	E97926
Power Limited Circuit Cable (CL2P, CL3P & PLTC)	QPTZ	UL13	E97929
Listed FEP, FEPB, PFA, PFAH, Z, ZW	ZLGR	UL83	E138013
Tray Cable	QPOR	UL1277	E138012
Metal-Clad Cable (MC)	PJAZ	UL1569	E173181

CANADIAN STANDARDS APPROVALS (CSA)

AWM:	Classification	Temperature	Voltage	AWG	Insulation
	Class I Group A	180C	150	32-16 AWG	FEP AWM .008" WALL
	Class I Group A	180C	300	28-10	FEP AWM .015" WALL
	Class I Group A	180C	600	28-4/0	FEP AWM .030" WALL
	Class I Group A	250C	300	24-8	TGS TFE/GB AWM
	Class I Group A	250C	600	24-8	TGS TFE/GB AWM
	Class I Group A	450C	600	22-4/0	MGT MICA/GB AWM
	Class I Group A	450C	300	24-4	MGT MICA/GB (.025") AWM
	Class I Group A/B	250C	300	24-2	TGGT TFE/CERAMIC/GB AWM
	Class I Group A/B	250C	600	24-4/0	TGGT TFE/CERAMIC/GB AWM
	Class I Group A/B	150C	300	24-4/0	SILICONE RUBBER (.030") AWM
	Class I Group A/B	200C	300	24-4/0	SILICONE RUBBER (.030") AWM
	Class I Group A/B	150C	600	24-4/0	SILICONE RUBBER AWM
	Class I Group A/B	200C	600	24-4/0	SILICONE RUBBER AWM
	Class I Group A/B	250C	300	32-4/0	PFA .013" WALL
	Class I Group A/B	250C	600	32-4/0	PFA .021" WALL
	Class I Group A/B	150/200C	300	32-10	FEP .013" WALL
	Class I Group A/B	150/200C	600	30-10	FEP .015" WALL
	Class I Group A/B	150/200C	600	8-2	FEP .030" WALL
	Class I Group A/B	150/200C	600	1-4/0	FEP .045" WALL
	Class I Group A/B	250C	300	24-2	MINIATURE TGGT, UL5257
	Class I Group A/B	250C	600	24-2	MINIATURE TGGT, UL5256
	Class I Group A/B	150/200C	300	30-10	FEP .010" WALL
	Class I Group A/B	150/200C	600	30-10	FEP .014" WALL
	Class I Group A/B	150/200C	600	8-2	FEP .020" WALL
	Class I Group A/B	150/200C	600	1-4/0	FEP .030" WALL
	Class I Group A/B	150/200C	300	24-18	ETFE 750 .006" WALL
	Class I Group A/B	150/200C	300	16-14	ETFE 750 .008" WALL
	Class I Group A/B	150/200C	300	12-10	ETFE 750 .010" WALL
	Class I Group A/B	150/200C	600	24-18	ETFE 750 .010" WALL
	Class I Group A/B	150/200C	600	16-14	ETFE 750 .010" WALL
	Class I Group A/B	150/200C	600	12-10	ETFE 750 .015" WALL
	Class I Group A/B	150/200C	600	8-2	ETFE 750 .030" WALL
	Class I Group A/B	150/200C	600	1-4/0	ETFE 750 .045" WALL
	Class II Group A/B	150/200C	300	30-10	FEP/FEP CABLES
	Class II Group A/B	150/200C	600	30-4/0	FEP/FEP CABLES
Equipment Wire:					
	SEW-2	200C	600	22-4/0	BRAIDED SILICONE RUBBER
	SEWF-2	150C	600	22-6	BRAIDED SILICONE RUBBER
	SEW-1	200C	300	22-16	BRAIDED SILICONE RUBBER
	SEWF-1	150C	300	22-16	BRAIDED SILICONE RUBBER
Plenum					
	PCC (C-UL, CMP)	60/150/200C	N/A	28-10 AWG	FEP/ECTFE PRIMES, FEP/ECTFE/GW3000 JKTS.
	CMP	150/200 FT-6	N/A	28-10 AWG	FEP PRIMES & JACKET
COIL LEAD WIRE:					
	CL1501	150C	600	22-500MCM	BRAIDED SILICONE RUBBER
	CL2001	200C	600	22-500MCM	BRAIDED SILICONE RUBBER
CSA FLAME RATINGS:					
	BRAIDLESS SILICONE RUBBER	FT-2			
	ALL OTHER TYPES	FT-1			

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