



REEL REFERENCE CHART

Reference	Flange (in)	Traverse (in)	Drum (in)	Arbor (in)
A (10.5 x 6 x 5)	10.5	6	5	2 ¼
B (12 x 8 x 5)	12	8	5	2 ¼
C (12 x 8 x 5)	12	8	5	3
D (12 x 11 x 4)	12	11	4	1 ½
E (12 x 11 x 5)	12	11	5	3
F (15 x 11 x 5)	15	11	5	1 ½
G (15 x 11 x 5)	15	11	5	2 ¼
H (16 x 11 x 8)	16	11	8	3
I (18 x 11 x 5)	18	11	5	1 ½
K (18 x 11 x 5)	18	11	5	3
L (18 x 14 x 8)	18	14	8	3
M (24 x 12 x 10)	24	12	10	3
N (24 x 14 x 5)	24	14	5	1 ½
O (24 x 16 x 12)	24	16	12	3
Q (30 x 18 x 14)	30	18	14	3
R (32 x 22 x 14)	32	22	14	3
S (36 x 22 x 14)	36	22	14	3
T (42 x 23 x 16)	42	23	16	3
U (48 x 23 x 14)	48	23	14	3
V (48 x 23 x 16)	48	23	16	3
W (54 x 32 x 28)	54	32	28	3
X (60 x 32 x 28)	60	32	28	3
Y (12 x 11 x 8)	12	11	8	3
Z (24 x 14 x 5)	24	14	5	3

Wire Size	Put-Up (ft)	NM-B	UF-B	THHN	XHHW	USE	BARE COPPER
14/2 P&G	500	D	D				
14/2 P&G	1000	D	D				
14/2 P&G	5000	Z	O				
14/3 P&G	500	D	F				
14/3 P&G	1000	F/G	I				
14/3 P&G	5000	Q	Q				
14/4 G	1000	F					
12/2 P&G	500		D				
12/2 P&G	1000	F	F				
12/2 P&G	2500		M				
12/2 P&G	4000	Z					
12/2 P&G	5000		Q				
12/3 P&G	500	F	F				
12/3 P&G	1000	F	I				
12/3 P&G	5000	Q	Q				
12/4 G	1000	I/K					
10/2 P&G	500	F	F				
10/2 P&G	1000	F	I				
10/2 P&G	2500		O				
10/2 P&G	5000	Q	Q				
10/3 P&G	500	F	I				
10/3 P&G	1000	I	M				
10/3 P&G	2500	O					
10/3 P&G	5000	R	R				
10/4 G	1000	M					
8/2 P&G	500	F	I				
8/2 P&G	1000	M	M				
8/2 P&G	2500	Q	Q				
8/2 P&G	5000		R				
8/3 P&G	500	I	M				
8/3 P&G	1000	M	O				
8/3 P&G	2500	Q	R				
8/3 P&G	5000		T				
6/2 P&G	500	I	I				
6/2 P&G	1000	M	M				
6/2 P&G	2500	Q	R				
6/2 P&G	5000		R				
6/3 P&G	500	M	M				
6/3 P&G	1000	O	Q				
6/3 P&G	2500	R	R				
4/3 P&G	250	M					
4/3 P&G	500	O					
4/3 P&G	1000	Q					
2/3 P&G	250	O					
2/3 P&G	500	Q					
2/3 P&G	1000	R					
18 AWG Solid	2500			B			B
16 AWG Solid	2500			B			B
14 AWG Solid	2500			B/C			B/C
12 AWG Solid	1000			A			A
12 AWG Solid	2500			B			B
10 AWG Solid	1000			A			A
10 AWG Solid	2500			F/G			F/G
18 AWG Std	2500			B			B
16 AWG Std	2500			B			B
14 AWG Std	2500			B	B		B
12 AWG Std	1000			A			A
12 AWG Std	2500			B	F/G	F/G	B
10 AWG Std	500				A	A	

MASTER REELS

Wire Size	Put-Up (ft)	NM-B	UF-B	THHN	XHHW	USE	BARE COPPER
10 AWG Std	1000			A			A
10 AWG Std	2500			F	F/G	F/G	F
8 AWG Std	500			A	Y	Y/C	A
8 AWG Std	1000			B	H	H	B
8 AWG Std	2500			L	L	M	L
8 AWG Std	5000			O	O	O	O
8 AWG Std	40000			V			V
6 AWG Std	500			C	Y	H	C
6 AWG Std	1000			E	H	H	E
6 AWG Std	2500			M	M	M	M
6 AWG Std	5000			O	O	Q	O
6 AWG Std	25000			V			V
4 AWG Std	500			E	H	H	E
4 AWG Std	1000			H	H	L	H
4 AWG Std	2500			O	O	O	O
4 AWG Std	5000			Q	Q	Q	Q
4 AWG Std	20000			V			V
3 AWG Std	500			H	H	H	H
3 AWG Std	1000			L	L	L	L
3 AWG Std	2500			O	O	Q	O
3 AWG Std	5000			R	R	R	R
3 AWG Std	15000			V			V
2 AWG Std	500			H	H	H	H
2 AWG Std	1000			M	M	M	M
2 AWG Std	2500			Q	Q	Q	Q
2 AWG Std	5000			R	R	R	R
2 AWG Std	14000			V			V
1 AWG Std	500			L	L	L	L
1 AWG Std	1000			M	M	M	M
1 AWG Std	2500			Q	Q	Q	Q
1 AWG Std	5000			R	R	S	R
1 AWG Std	22000			X			X
1/0 AWG Std	500			L	L	L	L
1/0 AWG Std	1000			M	M	M	M
1/0 AWG Std	2500			R	R	R	R
1/0 AWG Std	5000			S	S	S	S
1/0 AWG Std	16000			X			X
2/0 AWG Std	500			M	M	M	M
2/0 AWG Std	1000			O	O	O	O
2/0 AWG Std	2500			R	R	R	R
2/0 AWG Std	5000			T	T	T	T
2/0 AWG Std	14000			X			X
3/0 AWG Std	500			M	M	M	M
3/0 AWG Std	1000			O	O	Q	O
3/0 AWG Std	2500			R	R	R	R
3/0 AWG Std	5000			T	T	T	T
3/0 AWG Std	12000			X			X
4/0 AWG Std	500			M	M	M	M
4/0 AWG Std	1000			Q	Q	Q	Q
4/0 AWG Std	2500			S	S	S	S
4/0 AWG Std	5000			V	V	V	V
4/0 AWG Std	9000			X			X
250 kcmil	500			O	O	O	O
250 kcmil	1000			Q	Q	Q	Q
250 kcmil	2500			S			S
250 kcmil	4000			V	V	V	V
250 kcmil	8500			X			X
300 kcmil	500			O	O	O	O
300 kcmil	1000			Q	Q	Q	Q

Wire Size	Put-Up (ft)	NM-B	UF-B	THHN	XHHW	USE	BARE COPPER
300 kcmil	3500			V	V	V	V
300 kcmil	7000			X			X
350 kcmil	500			Q	Q	Q	Q
350 kcmil	1000			R	R	R	R
350 kcmil	3000			V	V	V	V
350 kcmil	6000			X			X
400 kcmil	500			Q	Q	Q	Q
400 kcmil	1000			R	R	R	R
400 kcmil	3000			V	V	V	V
400 kcmil	5000			X			X
500 kcmil	500			Q	Q	Q	Q
500 kcmil	1000			S	R	R	S
500 kcmil	2500			V	T	V	V
500 kcmil	4000			W			W
600 kcmil	500			R	R	R	R
600 kcmil	1000			S	S	S	S
600 kcmil	2000			V	V	V	V
600 kcmil	3000			X			X
750 kcmil	500			S	S	S	S
750 kcmil	1000			T	T	T	T
750 kcmil	1500			V	V	V	V
750 kcmil	2500			X			X
1000 kcmil	500			S	S	S	S
1000 kcmil	1000			T	T	T	T
1000 kcmil	2000			X			X

BUILDING WIRE TYPES

AC Cable Armor Clad Cable

HCF Health Care Facility

MC Cable Metal Clad Cable

MTW Thermoplastic (PVC) insulated machine tool wire with or without a Nylon jacket, rated 90°C in dry locations.

NM-B Non-metallic sheathed cable used as residential wire with THHN individual conductors with an overall PVC jacket.

PV USE STYLE Photovoltaic wire/USE-2 Style construction. Thermoset (XLPE) insulated conductor with 720 hr. sunlight-resistant UL rating. -40°C-90°C rated for wet or dry locations.

RH Thermoset (XLPE) or rubber insulated conductor for use as a heat-resistant building wire at 75°C in dry locations.

RHH Thermoset (XLPE) or rubber insulated conductor for use as a heat-resistant building wire at 90°C in dry locations.

RHW Thermoset (XLPE) or rubber insulated conductor for use as a heat- and moisture-resistant building wire at 75°C in wet and dry locations.

RHW-2 Thermoset (XLPE) or rubber insulated conductor for use as a heat- and moisture-resistant building wire at 90°C in wet and dry locations.

RW-90 S CSA designation for Type XHHW-2 conductors. 600-volt, hard service, flexible, rubber insulated pendant or portable cord.

SE style R Service entrance cable (round) with three THHN conductors and a bare ground wire cable together to produce a round cable covered with a PVC jacket.

SE style U Service entrance cable (unarmored) with two THHN conductors and bare copper ground that is applied helically over the insulated conductors with a PVC jacket.

SIS Switchboard: Thermoset (XLPE) insulated tinned-copper conductor with temperature rating of 90°C wet or dry locations.

SJ 300-volt, junior hard service, flexible, rubber insulated pendant or portable cord.

SJO Same cord as SJ, but with neoprene, oil-resistant compound outer jacket.

SJOOW Same cord as SJO, except oil-resistant insulations and oil- and weather-resistant jacket.

SJT 300-volt, junior hard service, thermoplastic or rubber insulated conductors with an overall thermoplastic jacket with temperature extremes of minus 50°C to plus 105°C.

SJTO Same as SJT but oil-resistant thermoplastic outer jacket.

T-90 CSA designation for Type THHN conductors.

TC Tray cable with THHN or XHHW-2 individual conductors cabled together in a PVC jacket.

TEW CSA designation for Canadian Standards Association type appliance wire.

TFFN Stranded, flexible fixture wire with soft-drawn, stranded copper conductors insulated with PVC insulation and has a Nylon jacket rated at 90°C in dry locations.

TFN Fixture wire with soft-drawn, solid copper conductors insulated with PVC insulation and has a Nylon jacket rated at 90°C in dry locations.

THHN Thermoplastic-insulated, soft-drawn copper conductor with a Nylon jacket that is high heat-resistant and rated 90°C in dry locations.

THWN-2 Thermoplastic-insulated, soft-drawn copper conductor with a Nylon jacket that is high heat-resistant and rated 90°C in dry and wet locations.

UF-B Thermoplastic underground feeder cable for direct burial in earth as feeder or branch circuit cable.

USE-2 Thermoset (XLPE) insulated cable suitable for direct burial in earth as service entrance cable, feeder, or branch circuit cable with a 90°C rating in dry and wet locations.

XHHW-2 Thermoset (XLPE) insulated cable with a high heat rating of 90°C in both dry and wet locations.