

Strength and Dependability in Every Fiber

Cable Fillers

For 50+ years, electrical cable industry businesses across North America have trusted Guelph Twines for a complete line of high-quality polypropylene, paper, and flame-retardant cable fillers manufactured to exacting industry standards.



Flat Untwisted Fibrillated Fillers

Used to fill empty spaces within a cable and provide structural support, our flat untwisted fillers are made for easy handling during cable manufacturing. We use a specialized process to create a soft mesh-like pattern in our flat fibrillated fillers, allowing them to uniformly fill the vacant spaces between conductors inside the cable.



Twisted Plastic Fillers

Used to construct cables to provide mechanical support and maintain the shape of the cable, the twisting in our plastic fillers helps reduce electromagnetic interference (EMI) and crosstalk between conductors. Where a round profile is best for filling a void (typically in larger cables), we manufacture our twisted plastic fillers by twisting an extruded tape to form a round length.



Twisted Paper Fillers

Our twisted paper fillers are used to support and maintain the cable's geometry where electrical performance requirements are less stringent. We manufacture our twisted paper fillers by slitting large rolls of paper into varying widths, dipping the strips into wax, and twisting the strips around a reinforcement material (typically fiberglass) for a solid round filler.



Available Sizes

Flat Untwisted Fibrillated Fillers

Standard and flame-retardant fibrillated fillers available from .04" (1.2mm) to .180" (4.6mm). Put-up is on 12" traverse by 3.25" I.D. tubes.

Twisted Plastic Fillers

Standard and flame-retardant twisted fillers available from .045" (1.2mm) to .350" (8.9mm). Put-up is on 10" traverse by 2" I.D. tubes. We can include plugs in the tube to bring the I.D. to 1".

Twisted Paper Fillers

Standard and flame-retardant twisted paper fillers available from .055" (1.4mm) to .313" (8.0mm). Put-up is on 10" traverse by 2" I.D. tubes. We can include plugs in the tube to bring the I.D. to 1".



Safety Assurance Through OI Testing

Our flame-retardant products are regularly sent to a third party for ASTM D 2863 testing, which measures the minimum oxygen concentration needed to support combustion (or, the OI levels), and our products do not exceed OI standards.



Standard Sizes Kept in Stock for Fast Shipping

To help ensure your business operates smoothly, we stock some cable filler sizes, but most can be produced within a two-week lead time. If you need something manufactured to your specifications on a short lead time, give us a call.



Phone: (519) 821-9140
Toll Free: 1-888-771-9140
Fax: (519) 821-9756
info@guelphtwines.com
guelphtwines.com

50 Crimea St.
Guelph, ON N1H 2Y6
Canada

Hours: Monday – Friday
8:30 am – 4:30 pm EST

Established in 1972 by industry visionaries from the Brantford Cordage Company, Guelph Twines quickly became known for product quality and innovation by the comprehensive experience of its founders.

Today, Guelph Twines retains the same quality reputation and strength of experience as a third-generation family-owned business manufacturing twines, monofilaments, and cable fillers for many commercial, industrial, and agricultural businesses across North America.

In everything we do, our products reflect the experience of our cordage industry employees, dedicated to the values of product quality, reliability, innovation, fast order fulfillment, and exceptional customer service and satisfaction. We are here to deliver.



Flat Untwisted Fibrillated Cable Fillers

Standard Cable Fillers					
Diameter (inches)	Code	Name	Feet / lbs	Tube Size	Tube I.D.
.035/.045	CF500048	.045"/.050" Flat Cable Filler	2680	10 or 12	3.25
0.055	CF700048	.055"/7000 Denier Flat Cable Filler	1920	10 or 12	3.25
0.060	CF180048	.060"/#1800 Flat Cable Filler	1800	10 or 12	3.25
0.063	CF160048	#1600 Flat Cable Filler	1600	10 or 12	3.25
0.065	CF006548	.065" Flat Cable Filler	1600	10 or 12	3.25
0.065	CF006518	.065" Flat Cable Filler	1400	10 or 12	3.25
0.075	CF007548	.075" Flat Cable Filler	1170	10 or 12	3.25
0.075	CF007518	.075"/#1170 Flat Cable Filler	1170	10 or 12	3.25
0.080	CF100036	.080"/U175 Flat Cable Filler	1000	10 or 12	3.25
0.085	CF008548	.085" Flat Cable Filler	900	10 or 12	3.25
0.085	CF008518	.085" Flat Cable Filler	900	10 or 12	3.25
0.090	CF009018	.090" Flat Cable Filler	780	10 or 12	3.25
0.095	CF009518	.095" Flat Cable Filler	720	10 or 12	3.25
0.100	CF010018	.100" Flat Cable Filler	600	10 or 12	3.25
0.110	CF011036	.110"/#550 Flat Cable Filler	550	10 or 12	3.25
0.110	CF011018	.110" Flat Cable Filler	550	10 or 12	3.25
0.115	CF011518	.115" Flat Cable Filler	490	10 or 12	3.25
0.120	CF012018	.120" Flat Cable Filler	465	10 or 12	3.25
0.125	CF012536	.125"/U500 Flat Cable Filler	415	10 or 12	3.25
0.125	CF012548	.125" Flat Cable Filler	415	10 or 12	3.25
0.140	CF014018	.140" Flat Cable Filler	350	10 or 12	3.25
0.150	CF015018	.150" Flat Cable Filler	265	10 or 12	3.25
0.160	CF016018	.160" Flat Cable Filler	240	10 or 12	3.25
0.180	CF018018	.180"/U1000 Flat Cable Filler	220	10 or 12	3.25

Flame Retardant Cable Fillers					
Diameter (inches)	Code	Name	Feet / lbs	Tube Size	Tube I.D.
0.045	CFF04548	.045"/5000 Denier FR Flat Cable Filler	2600	10 or 12	3.25
0.055	CF005548	.055" FR Flat Cable Filler	1920	10 or 12	3.25
0.065	CFF06548	.065" FR Flat Cable Filler	1400	10 or 12	3.25
0.065	CFF06518	.065" FR Flat Cable Filler	1400	10 or 12	3.25
0.075	CFF07548	.075" FR Flat Cable Filler	1170	10 or 12	3.25
0.075	CFF07536	.075"/#1170 FR Flat Cable Filler	1170	10 or 12	3.25
0.080	CFF17536	.080"/U175 FR Flat Cable Filler	1000	10 or 12	3.25
0.085	CFF08518	.085" FR Flat Cable Filler	900	10 or 12	3.25
0.085	CFF08548	.085" FR Flat Cable Filler	900	10 or 12	3.25
0.090	CFF09018	.090" FR Flat Cable Filler	780	10 or 12	3.25
0.095	CFF09518	.095" FR Flat Cable Filler	735	10 or 12	3.25
0.100	CFF10018	.100" FR Flat Cable Filler	600	10 or 12	3.25
0.110	CFF11036	.110"/#550 FR Flat Cable Filler	550	10 or 12	3.25
0.125	CFF12536	.125"/U500 FR Flat Cable Filler	415	10 or 12	3.25
0.125	CFF12548	.125" FR Flat Cable Filler	415	10 or 12	3.25
0.140	CFF14018	.140" FR Flat Cable Filler	350	10 or 12	3.25
0.150	CFF15018	.150" FR Flat Cable Filler	270	10 or 12	3.25
0.160	CFF16018	.160" FR Flat Cable Filler	240	10 or 12	3.25
0.180	CFF18018	.180"/U1000 FR Flat Cable Filler	220	10 or 12	3.25

Twisted Fibrillated Cable Fillers

Diameter (inches)	Diameter (mm)	Code	Name	Feet / ball	Tube	Feet / pounds	Meters / kg	Tensile Strength (pounds)	Twist Z (tpf)	Tube I.D.
0.075	1.9	FT007548	.075" Twisted Cable Filler	15,750	10	1,050	706	85	10.0	1" or 2"
0.085	2.2	FT008548	.085" Twisted Cable Filler	11,020	10	735	494	115	9.0	1" or 2"
0.085	2.2	FTT02560	T250 Twisted Cable Filler	11,050	10	735	494	148	11.0	1" or 2"
0.095	2.4	FT009548	.095" Twisted Cable Filler	9,450	10	630	423	180	9.0	1" or 2"
0.100	2.6	FT010348	.100" Twisted Cable Filler	8,250	10	550	370	155	9.0	1" or 2"
0.110	2.8	FT011048	.110" Twisted Cable Filler	7,000	10	467	314	210	9.0	1" or 2"
0.12	3.0	FTT05060	T500 Twisted Cable Filler	6,220	10	415	279	258	8.0	1" or 2"
0.125	3.2	FT012548	.125" Twisted Cable Filler	5,700	10	380	255	230	9.0	1" or 2"
0.140	3.6	FT014048	.140" Twisted Cable Filler	5,370	10	307	206	280	6.0	1" or 2"
0.157	4.0	FTT10060	T1000 Twisted Cable Filler	3,520	10	220	148	495	6.0	1" or 2"
0.160	4.1	FT016048	.160" Twisted Cable Filler	4,110	10	235	158	375	6.0	1" or 2"
0.180	4.6	FT018048	.180" Twisted Cable Filler	3,230	10	185	124	465	6.0	1" or 2"
0.200	5.1	FT020028	.200" Twisted Cable Filler	2,660	10	152	102	570	6.0	1" or 2"
0.220	5.6	FTF22048	.220" Twisted Cable Filler	2,100	10	124	83	880	6.0	1" or 2"
0.225	5.7	FT022548	.225" Twisted Cable Filler	2,100	10	124	83	750	6.0	1" or 2"
0.240	6.0	FT024048	.240" Twisted Cable Filler	1,760	10	104	70	950	6.0	1" or 2"
0.275	7.0	FT027548	.275" Twisted Cable Filler	1,750	10	92	62	890	4.5	1" or 2"
0.300	7.6	FTF30048	.300" Twisted Cable Filler	1,420	10	75	50	1500	4.5	1" or 2"
0.325	8.3	FTF32548	.325" Twisted Cable Filler	1,250	10	66	44	1600	4.5	1" or 2"
0.350	8.9	FTF35048	.350" Twisted Cable Filler	1,080	10	57	38	1800	4.5	1" or 2"

Twisted Paper Cable Fillers

Diameter (inches)	Diameter (mm)	Code	Name	Fraction	Reinf.	Feet / pounds	Meters / kg	Tensile Strength (pounds)	Twist (tpf)	Tube I.D.
0.055	1.40	SJ0611CT	635-110 Paper Cable Filler	7/128	Glass	800	538	110	9 "S"	1" or 2"
0.062	1.60	PR0016CW	.062" / 1.6mm Paper Cable Filler	1/16	Glass	795	534	50	9 "Z"	1" or 2"
0.071	1.80	SJ0960CT	935-60 Paper Cable Filler	9/128	Glass	660	444	75	9 "S"	1" or 2"
0.078	2.00	PR0020CW	.078" / 2.0mm Paper Cable Filler	5/64	Glass	521	350	75	9 "Z"	1" or 2"
0.079	2.00	SJ1260CT	1235-60 Paper Cable Filler	5/64	Glass	525	353	75	9 "S"	1" or 2"
0.094	2.40	PA0024CW	.094" / 2.4mm Paper Cable Filler	3/32	Glass	560	377	80	9 "Z"	1" or 2"
0.109	2.80	PA0028CW	.109" / 2.8mm Paper Cable Filler	7/64	Glass	460	309	85	9 "Z"	1" or 2"
0.125	3.20	PA0032CW	.125" / 3.2mm Paper Cable Filler	1/8	Glass	315	212	90	9 "Z"	1" or 2"
0.140	3.60	PA0036CW	.140" / 3.6mm Paper Cable Filler	9/64	Glass	285	192	90	9 "Z"	1" or 2"
0.156	4.00	PA0040CW	.156" / 4.0mm Paper Cable Filler	5/32	Glass	240	161	95	9 "Z"	1" or 2"
0.172	4.40	PA0044CW	.172" / 4.4mm Paper Cable Filler	11/64	Glass	183	123	95	9 "Z"	1" or 2"
0.187	4.80	PA0048CW	.187" / 4.8mm Paper Cable Filler	3/16	None	163	110	100	9 "Z"	1" or 2"
0.219	5.60	PA0056CW	.219" / 5.6mm Paper Cable Filler	7/32	None	121	81	120	9 "Z"	1" or 2"
0.240	6.00	PA0060S2	.240" / 6.0mm Paper Cable Filler	15/64	None	97	65	130	6 "Z"	1" or 2"
0.270	7.00	PA0070S2	.270" / 7.0mm Paper Cable Filler	17/64	None	76	51	155	6 "Z"	1" or 2"
0.295	7.50	PA0075S2	.295" / 7.5mm Paper Cable Filler	19/64	None	61	41	170	6 "Z"	1" or 2"
0.313	8.00	PA0080S2	.313" / 8.0mm Paper Cable Filler	5/16	None	58	39	200	6 "Z"	1" or 2"

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