

Strength and Dependability in Every Fiber

# Cable Fillers

Electrical cable industry businesses across North America have trusted **Guelph Twines Ltd.** for a complete line of high-quality polypropylene, paper, and flame-retardant cable fillers manufactured to exacting industry standards.



## Untwisted Plastic Cable Filler

Our untwisted plastic cable fillers fill empty spaces within a cable and provide structural support. They 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 fill the vacant spaces between conductors inside the cable uniformly.



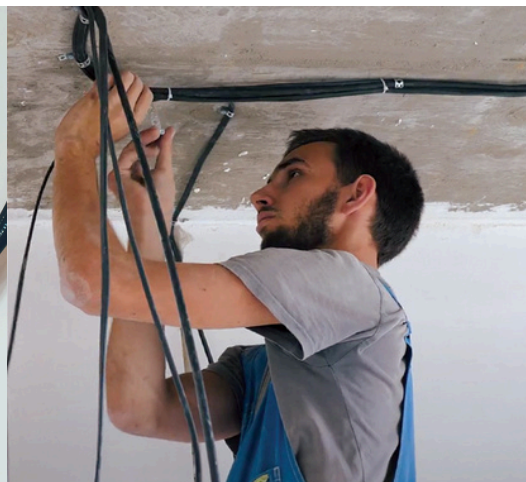
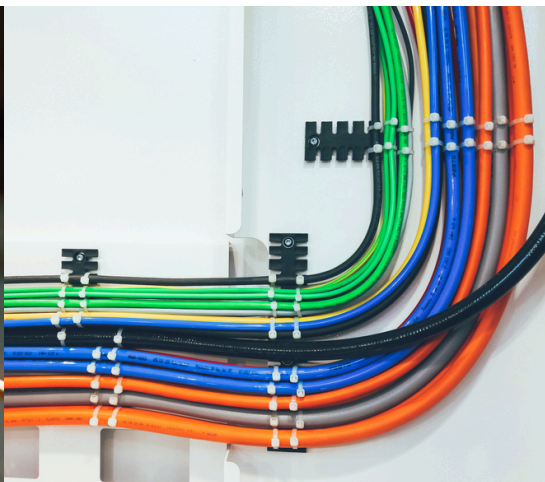
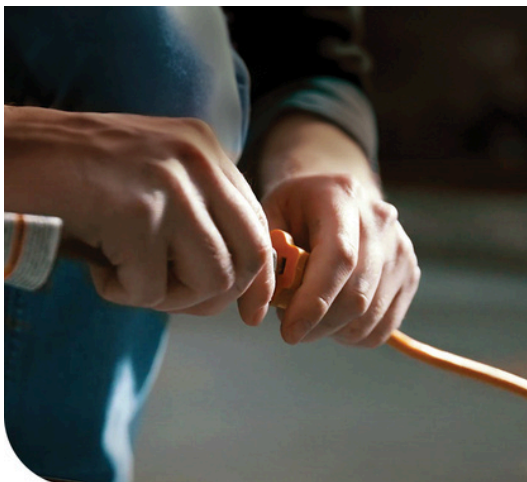
## Twisted Plastic Cable Filler

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 Cable Filler

Our twisted paper cable fillers maintain the geometry of an electrical cable by supporting and stabilizing it. 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

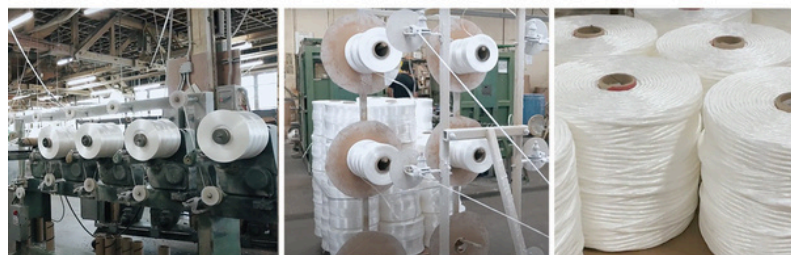
### Untwisted Plastic Cable Filler

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 Cable Filler

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 Cable Filler

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.



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**Hours:** Monday – Friday  
8:30 a.m. – 4:30 p.m. EST

Established in 1972 by industry visionaries from the Brantford Cordage Company, Guelph Twines Ltd. 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.



## Untwisted Plastic Cable Filler

Standard Cable Fillers					
Diameter (inches)	Code	Name	Feet / Pounds	Tube Size	Tube I.D.
.045"	CF500048	.045"/5000 Denier Flat Cable Filler	2,680	10" or 12"	3.25"
.055"	CF700048	.055"/7000 Denier Flat Cable Filler	1,920	10" or 12"	3.25"
.060"	CF180048	#1800 Flat Cable Filler	1,800	10" or 12"	3.25"
.063"	CF160048	#1600 Flat Cable Filler	1,600	10" or 12"	3.25"
.065"	CF006548	.065" Flat Cable Filler	1,600	10" or 12"	3.25"
.075"	CF007548	.075" Flat Cable Filler	1,170	10" or 12"	3.25"
.085"	CF008518	.085" Flat Cable Filler	900	10" or 12"	3.25"
.095"	CF009518	.095" Flat Cable Filler	720	10" or 12"	3.25"
.100"	CF010018	.100" Flat Cable Filler	600	10" or 12"	3.25"
.110"	CF011018	.110" Flat Cable Filler	550	10" or 12"	3.25"
.120"	CF012018	.120" Flat Cable Filler	465	10" or 12"	3.25"
.125"	CF012518	.125" Flat Cable Filler	415	10" or 12"	3.25"
.140"	CF014018	.140" Flat Cable Filler	350	10" or 12"	3.25"
.150"	CF015018	.150" Flat Cable Filler	265	10" or 12"	3.25"
.160"	CF016018	.160" Flat Cable Filler	240	10" or 12"	3.25"
.180"	CF018018	.180" Flat Cable Filler	220	10" or 12"	3.25"

Flame Retardant Cable Fillers					
Diameter (inches)	Code	Name	Feet / Pounds	Tube Size	Tube I.D.
.045"	CFF50048	.045"/5000 Denier FR Flat Cable Filler	2,680	10" or 12"	3.25"
.055"	CFF05548	.055"/7000 Denier FR Flat Cable Filler	1,920	10" or 12"	3.25"
.065"	CFF06548	.065" FR Flat Cable Filler	1,600	10" or 12"	3.25"
.075"	CFF07548	.075" FR Flat Cable Filler	1,170	10" or 12"	3.25"
.085"	CFF08518	.085" FR Flat Cable Filler	900	10" or 12"	3.25"
.095"	CFF09518	.095" FR Flat Cable Filler	720	10" or 12"	3.25"
.100"	CFF10018	.100" FR Flat Cable Filler	600	10" or 12"	3.25"
.110"	CFF11018	.110" FR Flat Cable Filler	550	10" or 12"	3.25"
.120"	CFF12018	.120" FR Flat Cable Filler	465	10" or 12"	3.25"
.125"	CFF12518	.125" FR Flat Cable Filler	415	10" or 12"	3.25"
.140"	CFF14018	.140" FR Flat Cable Filler	350	10" or 12"	3.25"
.150"	CFF15018	.150" FR Flat Cable Filler	265	10" or 12"	3.25"
.160"	CFF16018	.160" FR Flat Cable Filler	240	10" or 12"	3.25"
.180"	CFF18018	.180" FR Flat Cable Filler	220	10" or 12"	3.25"

### Twisted Plastic Cable Filler

Diameter (inches)	Diameter (mm)	Code	Name	Feet / Pounds	Twist Z (tpf)	Tube Size	Tube I.D.
.075"	1.9 mm	FT007560	.075" Twisted Cable Filler	1,050	10.0 "Z"	10"	1" or 2"
.085"	2.2 mm	FT008560	.085" Twisted Cable Filler	735	9.0 "Z"	10"	1" or 2"
.095"	2.4 mm	FT009560	.095" Twisted Cable Filler	630	9.0 "Z"	10"	1" or 2"
.100"	2.6 mm	FT010360	.100" Twisted Cable Filler	550	9.0 "Z"	10"	1" or 2"
.110"	2.8 mm	FT011060	.110" Twisted Cable Filler	467	9.0 "Z"	10"	1" or 2"
.125"	3.2 mm	FT012560	.125" Twisted Cable Filler	380	9.0 "Z"	10"	1" or 2"
.140"	3.6 mm	FT014048	.140" Twisted Cable Filler	307	6.0 "Z"	10"	1" or 2"
.160"	4.1 mm	FT016048	.160" Twisted Cable Filler	235	6.0 "Z"	10"	1" or 2"
.180"	4.6 mm	FT018048	.180" Twisted Cable Filler	185	6.0 "Z"	10"	1" or 2"
.200"	5.1 mm	FT020048	.200" Twisted Cable Filler	152	6.0 "Z"	10"	1" or 2"
.225"	5.7 mm	FT022548	.225" Twisted Cable Filler	124	6.0 "Z"	10"	1" or 2"
.240"	6.0 mm	FT024048	.240" Twisted Cable Filler	104	6.0 "Z"	10"	1" or 2"
.275"	7.0 mm	FT027548	.275" Twisted Cable Filler	92	4.5 "Z"	10"	1" or 2"
.300"	7.6 mm	FT030048	.300" Twisted Cable Filler	75	4.5 "Z"	10"	1" or 2"
.325"	8.3 mm	FT032548	.325" Twisted Cable Filler	66	4.5 "Z"	10"	1" or 2"
.350"	8.9 mm	FT035048	.350" Twisted Cable Filler	57	4.5 "Z"	10"	1" or 2"

### Twisted Paper Cable Filler

Diameter (inches)	Diameter (mm)	Code	Name	Feet / Pounds	Twist (tpf)	Tube Size	Tube I.D.
.055"	1.4 mm	SJ0611CT	635-110 SJ Paper Cable Filler	800	9.0 "S"	10"	1" or 2"
.071"	1.8 mm	SJ0960CT	935-60 SJ Paper Cable Filler	660	9.0 "S"	10"	1" or 2"
.079"	2.0 mm	SJ1260CT	1235-60 SJ Paper Cable Filler	525	9.0 "S"	10"	1" or 2"
.078"	2.0 mm	PA0020CW	.078" Paper Cable Filler	521	9.0 "Z"	10"	1" or 2"
.094"	2.4 mm	PA0024CW	.094" Paper Cable Filler	560	9.0 "Z"	10"	1" or 2"
.109"	2.8 mm	PA0028CW	.109" Paper Cable Filler	460	9.0 "Z"	10"	1" or 2"
.125"	3.2 mm	PA0032CW	.125" Paper Cable Filler	315	9.0 "Z"	10"	1" or 2"
.140"	3.6 mm	PA0036CW	.140" Paper Cable Filler	285	9.0 "Z"	10"	1" or 2"
.156"	4.0 mm	PA0040CW	.156" Paper Cable Filler	240	9.0 "Z"	10"	1" or 2"
.175"	4.4 mm	PA0044CW	.175" Paper Cable Filler	183	9.0 "Z"	10"	1" or 2"
.187"	4.8 mm	PA0048CW	.187" Paper Cable Filler	163	9.0 "Z"	10"	1" or 2"
.218"	5.6 mm	PAFR5600	.218" FR Paper Cable Filler	121	9.0 "Z"	10"	1" or 2"
.295"	7.5 mm	PAFR7500	.275" FR Paper Cable Filler	61	9.0 "Z"	10" or 14"	1" or 2"
.313"	8.0 mm	PAFR8000	.313" FR Paper Cable Filler	58	9.0 "Z"	10" or 14"	1" or 2"

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