

GELGON FT

FIL-TEC™

FTW FILLER | POLYESTER | OVAL



The **Gelgon FT** is a water swellable polyester single-end yarn construction. The SAP coating is custom designed for Fil-Tec and applies with our proprietary process. The oval shape lends itself very well to fill the interstices between conductors. This is our economy version of our **Gelgon FTW**. For longitudinal and helical applications.

FEATURES & BENEFITS

- For copper and aluminum power cables
- Our water blocking yarns are the best replacement to flooding compounds and powder SAP materials used by cable makers to water block the cable
- Virtual elimination of dust. Promotes a safer work environment by eliminating fugitive particles that can cause operator health concern and premature wearing of moving parts of the equipment
- Improves operating speeds when compared to the use of flooding compounds and electrostatically applied SAP
- Cables made using our Gelgon water blocking yarn solution pass the 15 minutes and one hour water penetration tests. They additionally pass the connector and aging tests (500 cycles)
- Extremely fast reaction speed when in contact with water. 80-85% of gel forms in the first minute

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PRODUCT	BASE DENIER	YIELD YD/LB	YIELD M/KG	BREAK (LBS)	BREAK (KG)	ABSORPTION (G/G)	PROFILE
FT 6500	840	3225	6500			75	Oval
FT 5000	1000	2358	5000	20.1	9.12	75	Oval
FT 4200	1300	2084	4200			75	Oval
FT 3600	1500	1792	3600	26.90	12.20	75	Oval
FT 2610	2000	1295	2610			75	Oval
FT 2600	2000	1280	2600	42.20	19.14	75	Oval
FT 2000	2600	996	2000	53.9	24.45	75	Oval
FT 1500	3600	722	1500	71.70	32.5	75	Oval
FT 1400	2600	689	1400	45.00	20.41	100	Oval
FT 1010	5200	497	1010	104.1	47.2	75	Oval
FT 1000	5200	497	1000	94.5	42.86	75	Oval
FT 800	6700	389	800	121.7	55.2	75	Oval
FT 750	5200	373	750	94.5	42.86	100	Oval
FT 700	7800	344	700	145.5	66.0	75	Oval
FT 500	10400	249	500	194.0	88.0	75	Oval
FT 350	15600	172	350	275.7	125.1	75	Oval
FT 250	20800	124	250	367.6	166.7	75	Oval