

GELGON FTW

FIL-TEC™

FTW FILLER | POLYESTER | ROUND



The **Gelgon FTW** is a water swellable polyester multi-end yarn construction. The SAP coating is custom designed by Fil-Tec and applied with our proprietary process. The result is a lofty yet firm silky yarn that fills interstices with ease and compresses optimally. These features make **Gelgon FTW** the best and most effective filler yarn available. For longitudinal and helical application.

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. 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
FTW 5450	1650	2706	5452	8.1	3.67	85	Round
FTW 4150	2168	2059	4148	11.1	5.03	82	Round
FTW 3450	2590	1724	3473	13.5	6.12	64	Round
FTW 2800	3237	1379	2778	16.3	7.39	80	Round
FTW 2400	3790	1178	2373	19.3	8.75	82	Round
FTW 2150	4228	1056	2127	21.9	9.93	70	Round
FTW 1900	4785	933	1879	27.5	12.47	72	Round
FTW 1700	5302	842	1696	29.3	13.29	72	Round
FTW 1500	5921	724	1458	30	13.60	78	Round
FTW 1400	6556	681	1372	32.2	14.60	81	Round
FTW 1300	7020	636	1281	34.8	15.78	73	Round
FTW 1200	7593	588	1184	37.4	16.96	75	Round
FTW 1100	8103	551	1110	40.1	18.18	73	Round
FTW 1000	8703	513	1033	42.5	19.27	73	Round
FTW 950	9186	486	979	44.9	20.36	76	Round
FTW 900	9747	458	922	47.6	21.59	74	Round
FTW 850	10216	437	880	50.2	22.72	72	Round
FTW 800	10942	408	822	53.9	24.44	77	Round
FTW 750	11506	388	781	55.5	25.17	72	Round
FTW 500	18602	240	483	87.9	39.87	84	Round