



Technical Textiles

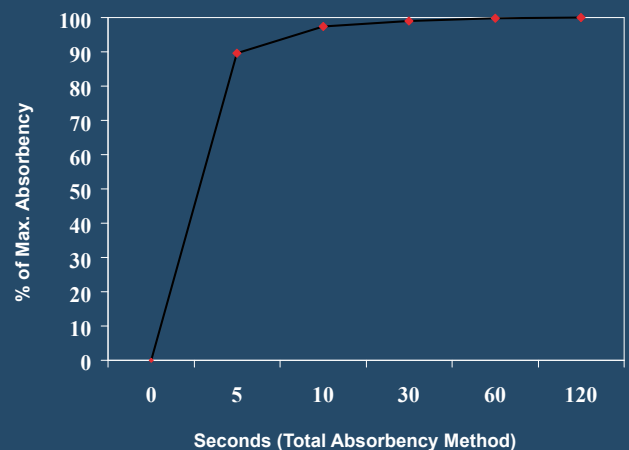
Innovate. Create. Deliver.

Yarns for active water blocking

Count Range

Denier (g/9,000m)	Decitex (g/10,000m)	g/m	Yield (km/kg)	Yield (yds/lbs)	High SAF Content Part Code	Low SAF Content Part Code
260	288	0.029	34.7	17,213	260H	260UL
375	417	0.042	24.0	11,905	375H	375UL
450	500	0.050	20.0	9,921	450H	450UL
500	555	0.055	18.0	8,929	500H	500UL
900	1,000	0.100	10.0	4,960	900H	900UL
1,800	2,000	0.200	5.0	2,480	1800H	1800UL
2,000	2,222	0.222	4.5	2,232	2000H	2000UL
3,000	3,333	0.333	3.0	1,488	3000H	3000UL
4,500	5,000	0.500	2.0	992	4500H	4500UL
9,000	10,000	1.000	1.0	496	9000H	9000UL
18,000	20,000	2.000	0.5	248	18000H	18000UL

Rate of Absorbency



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Yarns for active water blocking



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Applications:

Fillers and binders for power, data and telecommunication cables.

Features:

- SAF (superabsorbent fiber) based yarn
- Rapid absorbency
- Clean and efficient pay-off
- Flexibility to engineer count and absorbency characteristics to maximize performance and cost benefit.

Standard Package Format Options

Other package format options available on request

Description	Length (mm)	Traverse (mm)	Base (mm)	Tip (mm)	Standard Weight		Max. Weight		Availability
					(kg)	(lb)	(kg)	(lb)	
6 inch cone	170	152	58	28	2.5	5.5	3.0	6.6	≤ 2000 denier
6 inch parallel	170	152	50	50	2.5	5.5	3.0	6.6	≤ 2000 denier
9 inch cone	228	205	62	25	5.0	11.0	6.0	13.2	> 2000 denier
9 inch parallel	228	205	76	76	5.0	11.0	6.0	13.2	> 2000 denier

Absorbency Data and Mechanical Properties

Part Code	Minimum Absorbency (g/g)	Minimum Freeswell (g)	Minimum Retention (g)	Dry Diameter (mm)	Wet Diameter (mm)	Minimum Breaking Strength (N)	Maximum Breaking Extension (%)
260H	28	44	24	0.30	1.21	2.9	16
260UL	20	36	21	0.30	1.00	3.1	15
375H	35	44	26	0.37	1.47	3.6	15
375UL	25	36	21	0.37	1.31	3.9	15
450H	35	48	30	0.40	1.58	4.0	15
450UL	25	40	21	0.40	1.40	4.3	14
500H	35	48	30	0.42	1.84	4.1	16
500UL	25	40	21	0.42	1.52	4.4	15
900H	35	48	30	0.50	2.36	15.0	20
900UL	25	40	21	0.50	2.15	15.0	20
1800H	35	48	32	0.85	3.15	15.0	20
1800UL	25	40	21	0.83	2.95	18.0	15
2000H	35	52	32	0.89	3.74	20.0	15
2000UL	25	44	24	0.87	3.00	20.0	15
3000H	35	52	32	1.05	5.25	45.0	14
3000UL	25	41	24	1.05	4.00	45.0	14
4500H	32	52	32	1.45	6.30	100	15
4500UL	23	41	24	1.45	5.10	100	15
9000H	32	50	32	2.75	8.40	140	15
9000UL	23	41	24	2.70	7.10	140	15
18000H	32	50	32	4.00	10.50	150	15
18000UL	23	41	24	4.00	8.50	150	15