

## Nexis Fibers Twisting and Texturing Capabilities

KNOTTED NETS - STANDARD TWINES								
210 / n single   total		denier / single ply	denier / 3 ply	Twist		Examples of constructions (twist values on request)	Nominal dtex	
				1st	2nd		1st twist	2st twist
6	18	1260	3780	425	230	1400x1S425 x3Z230	1400	4200
8	24	1680	5040	400	210	1880x1S400 x3Z210	1880	5640
10	30	2100	6300	380	195	(1400+940)x1S380 x3Z195	2340	7020
12	36	2520	7560	360	185	1400x2S360 x3Z185	2800	8400
14	42	2940	8820	350	180	(1880+1400)x1S350 x3Z180	3280	9840
16	48	3360	10080	300	160	1880x2S300 x3Z160	3760	11280
18	54	3780	11340	275	145	1400x3S275 x3Z145	4200	12600
20	60	4200	12600	250	130	(1880+1400x2)x1S250 x3Z130	4680	14040
22	66	4620	13860	350	167	(1880x2+1400) S350 x3Z167	5160	15480
24	72	5040	15120	240	125	1880x3S240 x3Z125	5640	16920
30	90	6300	18900	225	120	1400x5S225 x3Z120	7000	21000
32	96	6720	20160	220	115	1880x4S220 x3Z115	7520	22560
36	108	7560	22680	200	105	1400x6S200 x3Z105	8400	25200
40	120	8400	25200	200	100	1880x5 S190 x3Z100	9400	28200
48	144	10080	30240	180	95	1400x8 S180 x3Z95	11200	33600
64	192	13440	40320	170	85	1880x8 S170 x3Z85	15040	45120
84	252	17640	52920	140	70	1880x10 S140 x3Z70	18800	56400
96	288	20160	60480	130	65	1880x12 S130 x3Z65	22560	67680
128	384	26880	80640	100	55	1880x16 S100 x3Z55	30080	90240

SPECIALTY ROPES, MARINE ROPES TWINES		
Example of Constructions (twist values on request)	Final dtex	Marine finish available
940 x1	940	
1400 x2	2,800	
1400 x6	8,400	
1400 x2 x3	8,400	
1400 x2 x4	11,200	
1400 x2 x5	14,000	
1400 x6 x3	25,200	
1400 x7 x3	29,400	
1880 x2	3,760	
1880 x5	9,400	
1880 x9	16,920	
1880 x5 x3	28,200	
1880 x18	33,840	X
1400 x30	42,000	X
1880 x24	45,120	X
1880 x9 x3	50,760	
1880 x27	50,760	X
1880 x30	56,400	X

HIGH TENACITY THREADS	
Example of Constructions (twist values on request)	Final dtex
110x1 Z75	110
110x1 Z300 FIX	110
110x1 Z400 x2 S400	220
235x1 Z140	235
235x1 S200 x2 Z200	470
235x1 S500 x2 Z380	470
470x1 Z150	470
470x1 Z280 FIX	470
700x1 Z100	700
PES 74f24x1 S830 x2 Z700	148
PES 275f48 x1 S570 x3 Z380	825
PES 455f96 x1 S470 x3 Z325	1,365
PES 1100x4 S80	4,400

OTHER TWISTED YARNS	
Examples of Constructions (twist values on request)	Final dtex
PES 78f24 SD Z800 FIX	78
PES 78f24 SD Z1050 FIX	78
PES 83f36 TXT SD S120	83
PES 83f36 BR TXT S450 FIX	83
PES 83f36 TXT BLK S600 FIX	83
PES 150 f48 TXT BR S400 FIX	150
PES 167f36 TXT SDS400 FIX	167
PES 167f48 TXT BLK S400 FIX	167
PES 330f72 SD TXTS120 FIX	330
PES 330f96 BR Z150 FIX	330
PES 330f72 SD TXT S120	330
PES 183f34x2 SD TXT S120	366

Possible package sizes						
Knotted Nets			Specialty ropes, Marine ropes, High tenacity threads			Other twisted yarns
OD mm	ID mm	Weight Kg	OD mm	ID mm	Weight Kg	
140	44	2.2	180	56	2.1	On request
180	44	3.7	200	56	3.2	
214	44	5.3	250	56	4.6	
270	73	10	270	73	9.2	
275	73	12.5	275	73	12.5	

Note: Non-standard Package weight on agreement.

- Multiple sewing threads and twine constructions capabilities : x2, x3, x4, x5
- Heatsetting capabilities : In autoclave (vapor); in hot chambers (dried air);
- Type of materials and Range of counts : Continuous Filament yarn (Polyester, Nylon, Acetate). From 45den to 100,000den = 50dtex to 110,000dtex.
- Twist level range : From 20 to 3,000t/m = From 0.5 to 75 tpi
- Plying capabilities : Up to 32 ply
- Airjet texturing capabilities for Polyester, Nylon. From 210den to 2700den = 235dtex to 3,000dtex.

