





Company Profile

Established in 1972, SIAT is a worldwide recognized leader in the field of synthetics monofilaments

Technology, innovation and quality, combined with versatility, makes SIAT open to meet customer's needs optimizing the production for various requirements in many fields ranging from gardening TRIMMER LINE and agriculture, to fishing line and industry.

Thanks to its performances SIAT is appreciated nationally and internationally having a distribution network in 45 countries in 6 continents.

The production unit close to logistic center, located in the suburbs of Milano can count on the performance of several extrusion plants active 24 hours a day, ensuring high production efficiency together with a top level service.

The STATE-OF-THE-ARTS monofilament starts here:

Research and selection of 100% virgin raw material from the best worldwide resin producers

Our Technical department works in close cooperation with our customers to find the right solution for every need

All our products are constantly updated to improve the quality more and more

SIAT LAB controls every production lot to ensure the quality following the specifications.



SIAT LINE



Pro Trimmer Line

Alu Trimmer Line

Twist Trimmer Line

Twin Power Trimmer Line

XXX Challenge Trimmer Line



WEIGHT AND LENGHT CHART

	 ROUND		 SQUARE		 NEW SQUARE		 TRIGONAL	
DIAMETER	gr./m.	m./Kg.	gr./m.	m./Kg.	gr./m.	m./Kg.	gr./m.	m./Kg.
1,30	1,46	685	1,51	662	1,61	621	1,40	714
1,60	2,22	450	2,29	436	2,51	398	2,10	476
2,00	3,47	288	3,58	280	3,94	253	3,30	303
2,40	5,00	200	5,15	194	5,56	180	4,80	208
2,70	6,35	157	6,52	153	7,20	139	6,20	161
3,00	7,80	128	8,05	124	9,10	109	7,60	131
3,30	9,45	105	9,74	102	10,70	93	9,15	109
3,50	10,65	94	11,00	91	12,40	80	9,54	104
4,00	13,90	72	14,30	70	15,50	64	13,50	74

	 HEXAGONAL		 HEXALOBATE		 STAR 6		 PENTA	
DIAMETER	gr./m.	m./Kg.	gr./m.	m./Kg.	gr./m.	m./Kg.	gr./m.	m./Kg.
1,30	1,58	633	1,39	719	1,25	800	1,13	885
1,60	2,40	416	2,10	476	1,85	540	1,71	585
2,00	3,75	266	3,29	304	2,92	342	2,68	375
2,40	5,40	185	4,74	211	4,20	238	3,80	263
2,70	6,85	146	6,00	166	5,30	188	4,90	204
3,00	8,45	118	7,40	135	6,40	161	6,30	158
3,30	10,22	98	8,96	112	7,80	128	7,30	137
3,50	11,50	87	10,03	97	8,70	115	8,15	122
4,00	15,00	66	13,15	76	11,45	87	10,78	92

	 BLACKSTORM		 BLUEVERTIGO		 SIATSIL		 HI TECH	
DIAMETER	gr./m.	m./Kg.	gr./m.	m./Kg.	gr./m.	m./Kg.	gr./m.	m./Kg.
1,30	1,28	781	1,18	847	1,46	685	1,50	666
1,60	1,95	512	1,80	555	2,22	450	2,35	425
2,00	3,10	322	2,81	355	3,47	288	3,70	270
2,40	4,40	227	4,05	247	5,00	200	5,35	186
2,70	5,55	180	5,13	195	6,35	157	6,75	148
3,00	6,85	145	6,23	160	7,80	128	8,53	117
3,30	8,24	121	7,85	127	9,45	105	10,10	99
3,50	9,30	107	8,79	114	10,65	94	11,32	88
4,00	11,72	85	11,25	88	13,90	72	15,10	66



ROUND SHAPE

15 m Hangers / Plastic bags

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



15 m Blisters

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



Donuts

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
2,00	0,080"	125	410		24	45
2,40	0,095"	88	288			
2,70	0,105"	70	229			
3,00	0,120"	56	183	1 lb (450 gr)		
3,30	0,130"	46	150			
4,00	0,155"	31	101			



Spools (DIN series)

Spool type	Weight	Pcs x Box	Box x Pallet
Din 125	0,5 kg	25	30
Din 160	1 kg	16	36
Din 200	2 kg	6	45
Din 250	3 kg	5	



Spools (P series)

Spool type	Weight	Pcs x Box	Box x Pallet
P 13	0,5 kg	24	45
P16 S	1 kg	16	
P 16	3 lb	6	55
P 20	5 lb	6	



Industrial Spools

Spool type	Weight	Pcs x Box	Box x Pallet
R 15	Approx. 8 kg	2	48
R 25	Approx 8 kg	2	36



SINILINE



SQUARE SHAPE

15 m Hangers / Plastic bags

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



15 m Blisters

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



Donuts

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
2,00	0,080"	110	360	1 lb (450 gr)	24	45
2,40	0,095"	70	229			
2,70	0,105"	60	196			
3,00	0,120"	50	164			
3,30	0,130"	40	131			
4,00	0,155"	30	98			



Spools (DIN series)

Spool type		Weight	Pcs x Box	Box x Pallet
Din 125		0,5 kg	25	30
Din 160		1 kg	16	36
Din 200		2 kg	6	45
Din 250		3 kg	5	



Spools (P series)

Spool type		Weight	Pcs x Box	Box x Pallet
P 13		0,5 kg	24	45
P16 S		1 kg	16	
P 16		3 lb	6	55
P 20		5 lb	6	

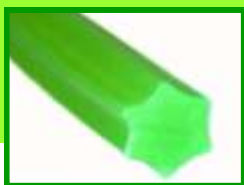


Industrial Spools

Spool type		Weight	Pcs x Box	Box x Pallet
R 15		Approx. 8 kg	2	48
R 25		Approx 8 kg	2	36



SINILINE



HEXALOBATE SHAPE

15 m Hangers / Plastic bags

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



15 m Blisters

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



Donuts

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
2,00	0,080"	130	425	1 lb (450 gr)	24	45
2,40	0,095"	90	295			
2,70	0,105"	72	236			
3,00	0,120"	58	190			
3,30	0,130"	50	164			
4,00	0,155"	32	104			



Spools (DIN series)

Spool type	Weight	Pcs x Box	Box x Pallet
Din 125	0,5 kg	25	30
Din 160	1 kg	16	36
Din 200	2 kg	6	45
Din 250	3 kg	5	



Spools (P series)

Spool type	Weight	Pcs x Box	Box x Pallet
P 13	0,5 kg	24	45
P16 S	1 kg	16	
P 16	3 lb	6	55
P 20	5 lb	6	

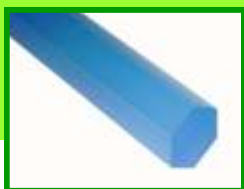


Industrial Spools

Spool type	Weight	Pcs x Box	Box x Pallet
R 15	Approx. 8 kg	2	48
R 25	Approx 8 kg	2	36



SIN7LINE



HEXAGONAL SHAPE

15 m Hangers / Plastic bags

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



15 m Blisters

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



Donuts

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
2,00	0,080"	115	377	1 lb (450 gr)	24	45
2,40	0,095"	82	269			
2,70	0,105"	65	213			
3,00	0,120"	52	170			
3,30	0,130"	42	137			
4,00	0,155"	28	91			



Spools (DIN series)

Spool type	Weight	Pcs x Box	Box x Pallet
Din 125	0,5 kg	25	30
Din 160	1 kg	16	36
Din 200	2 kg	6	45
Din 250	3 kg	5	



Spools (P series)

Spool type	Weight	Pcs x Box	Box x Pallet
P 13	0,5 kg	24	45
P16 S	1 kg	16	
P 16	3 lb	6	55
P 20	5 lb	6	



Industrial Spools

Spool type	Weight	Pcs x Box	Box x Pallet
R 15	Approx. 8 kg	2	48
R 25	Approx 8 kg	2	36



SILKLINE



PENTAGONAL SHAPE

15 m Hangers / Plastic bags

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



15 m Blisters

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



Donuts

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
2,00	0,080"	153	501		24	45
2,40	0,095"	105	344			
2,70	0,105"	84	275			
3,00	0,120"	67	219	1 lb (450 gr)		
3,30	0,130"	56	183			
4,00	0,155"	38	124			



Spools (DIN series)

Spool type	Weight	Pcs x Box	Box x Pallet
Din 125	0,5 kg	25	30
Din 160	1 kg	16	36
Din 200	2 kg	6	45
Din 250	3 kg	5	



Spools (P series)

Spool type	Weight	Pcs x Box	Box x Pallet
P 13	0,5 kg	24	45
P16 S	1 kg	16	
P 16	3 lb	6	55
P 20	5 lb	6	



Industrial Spools

Spool type	Weight	Pcs x Box	Box x Pallet
R 15	Approx. 8 kg	2	48
R 25	Approx 8 kg	2	36



SINTLINE



STAR SHAPE

15 m Hangers / Plastic bags

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



15 m Blisters

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



Donuts

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
2,00	0,080"	155	508	1 lb (450 gr)	24	45
2,40	0,095"	105	344			
2,70	0,105"	85	278			
3,00	0,120"	68	223			
3,30	0,130"	55	180			
4,00	0,155"	38	124			



Spools (DIN series)

Spool type		Weight	Pcs x Box	Box x Pallet
Din 125		0,5 kg	25	30
Din 160		1 kg	16	36
Din 200		2 kg	6	45
Din 250		3 kg	5	



Spools (P series)

Spool type		Weight	Pcs x Box	Box x Pallet
P 13		0,5 kg	24	45
P16 S		1 kg	16	
P 16		3 lb	6	55
P 20		5 lb	6	



Industrial Spools

Spool type		Weight	Pcs x Box	Box x Pallet
R 15		Approx. 8 kg	2	48
R 25		Approx 8 kg	2	36



SINTLINE



TRIGONAL SHAPE

15 m Hangers / Plastic bags

	Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
	mm	inch	m	feet			
441	1,30	0,050"	15	50		150	45
	1,60	0,065"	15	50		150	
	2,00	0,080"	15	50		100	
	2,40	0,095"	15	50		100	
126	2,70	0,105"	15	50		80	
	3,00	0,120"	15	50		80	



15 m Blisters

	Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
	mm	inch	m	feet			
118	1,30	0,050"	15	50		150	45
	1,60	0,065"	15	50		150	
108	2,00	0,080"	15	50		100	
	2,40	0,095"	15	50		100	
	2,70	0,105"	15	50		80	
128	3,00	0,120"	15	50		80	



Donuts

	Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
	mm	inch	m	feet			
217	2,00	0,080"	145	475	1 lb (450 gr)	24	45
	2,40	0,095"	101	331			
229	2,70	0,105"	78	255			
	3,00	0,120"	64	209			
	3,30	0,130"	54	177			
231	4,00	0,155"	36	118			



Spools (DIN series)

	Spool type	Weight	Pcs x Box	Box x Pallet
604	Din 125	0,5 kg	25	30
	Din 160	1 kg	16	36
531	Din 200	2 kg	6	45
	Din 250	3 kg	5	



Spools (P series)

	Spool type	Weight	Pcs x Box	Box x Pallet
532	P 13	0,5 kg	24	45
	P16 S	1 kg	16	
829	P 16	3 lb	6	55
	P 20	5 lb	6	



Industrial Spools

	Spool type	Weight	Pcs x Box	Box x Pallet
441	R 15	Approx. 8 kg	2	48
	R 25	Approx 8 kg	2	36



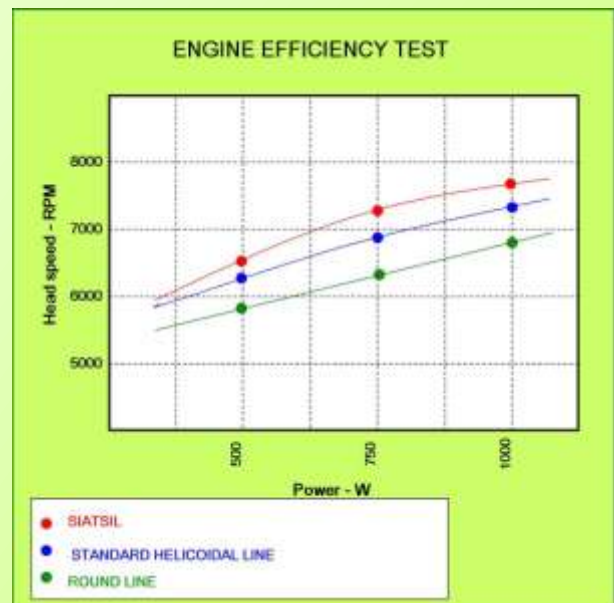
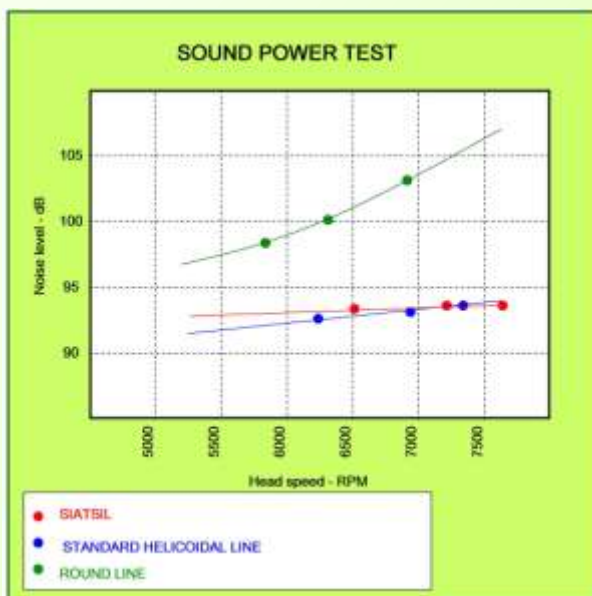
SINTLINE

HELICOIDAL TWISTED LINE

Twisted helicoidal shape trimmer lines , thanks to their aerodynamic performances offer lot of advantages to the consumers compared to traditional shape trimmer lines.

- Noise reduction: all SIAT twisted lines meet the parameters of the European rules 2000/14/CE of 8/5/2000 regarding the environmental noise pollution.
- A great efficiency of twisted lines , tested in fields and laboratories, grant a lower working stress for the engine that it means:
 - Longer engine and transmission lifetime *
 - Lower fuel consumption *
 - Possibility to use bigger trimmer line diameters even with small engines *

All the features and performances of helicoidal twisted trimmer lines grant a lot of benefits both economically (saving energy, fuel and engine) and preserving environment (low pollution and low noise pollution)



We present three different helicoidal twisted trimmer lines to satisfy all customer needs:

SIATSIL - Built for maximum efficiency

BLUEVERTIGO - Built for maximum noise reduction

BLACKSTORM - Built for maximum performances



SIATSIL

229

15 m Hangers / Plastic bags

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



15 m Blisters

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



Donuts

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
2,00	0,080"	125	410	1 lb (450 gr)	24	45
2,40	0,095"	88	288			
2,70	0,105"	70	229			
3,00	0,120"	56	183			
3,30	0,130"	46	150			
4,00	0,155"	31	101			



Spools (DIN series)

Spool type	Weight	Pcs x Box	Box x Pallet
Din 125	0,5 kg	25	30
Din 160	1 kg	16	36
Din 200	2 kg	6	45
Din 250	3 kg	5	



Spools (P series)

Spool type	Weight	Pcs x Box	Box x Pallet
P 13	0,5 kg	24	45
P16 S	1 kg	16	
P 16	3 lb	6	55
P 20	5 lb	6	



Industrial Spools

Spool type	Weight	Pcs x Box	Box x Pallet
R 15	Approx. 8 kg	2	48
R 25	Approx 8 kg	2	36



SIATLINE



531

15 m Hangers / Plastic bags

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



15 m Blisters

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



Donuts

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
2,00	0,080"	175	574	1 lb (450 gr)	24	45
2,40	0,095"	120	393			
2,70	0,105"	95	311			
3,00	0,120"	75	246			
3,30	0,130"	62	203			
4,00	0,155"	42	137			



Spools (DIN series)

Spool type	Weight	Pcs x Box	Box x Pallet
Din 125	0,5 kg	25	30
Din 160	1 kg	16	36
Din 200	2 kg	6	45
Din 250	3 kg	5	



Spools (P series)

Spool type	Weight	Pcs x Box	Box x Pallet
P 13	0,5 kg	24	45
P16 S	1 kg	16	
P 16	3 lb	6	55
P 20	5 lb	6	



Industrial Spools

Spool type	Weight	Pcs x Box	Box x Pallet
R 15	Approx. 8 kg	2	48
R 25	Approx 8 kg	2	36



EMIT LINE



BLACK STORM

441

15 m Hangers / Plastic bags

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



15 m Blisters

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



Donuts

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
2,00	0,080"	130	426	1 lb (450 gr)	24	45
2,40	0,095"	90	295			
2,70	0,105"	70	229			
3,00	0,120"	55	180			
3,30	0,130"	46	157			
4,00	0,155"	32	104			



Spools (DIN series)

Spool type	Weight	Pcs x Box	Box x Pallet
Din 125	0,5 kg	25	30
Din 160	1 kg	16	36
Din 200	2 kg	6	45
Din 250	3 kg	5	



Spools (P series)

Spool type	Weight	Pcs x Box	Box x Pallet
P 13	0,5 kg	24	45
P16 S	1 kg	16	
P 16	3 lb	6	55
P 20	5 lb	6	



Industrial Spools

Spool type	Weight	Pcs x Box	Box x Pallet
R 15	Approx. 8 kg	2	48
R 25	Approx 8 kg	2	36



SIN7LINE



15 m Hangers / Plastic bags

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



15 m Blisters

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
1,30	0,050"	15	50		150	45
1,60	0,065"	15	50		150	
2,00	0,080"	15	50		100	
2,40	0,095"	15	50		100	
2,70	0,105"	15	50		80	
3,00	0,120"	15	50		80	



Donuts

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	inch	m	feet			
2,00	0,080"	115	377	1 lb (450 gr)	24	45
2,40	0,095"	78	255			
2,70	0,105"	60	196			
3,00	0,120"	50	164			
3,30	0,130"	40	131			
4,00	0,155"	28	91			



Spools (DIN series)

Spool type	Weight	Pcs x Box	Box x Pallet
Din 125	0,5 kg	25	30
Din 160	1 kg	16	36
Din 200	2 kg	6	45
Din 250	3 kg	5	



Spools (P series)

Spool type	Weight	Pcs x Box	Box x Pallet
P 13	0,5 kg	24	45
P16 S	1 kg	16	
P 16	3 lb	6	55
P 20	5 lb	6	



Industrial Spools

Spool type	Weight	Pcs x Box	Box x Pallet
R 15	Approx. 8 kg	2	48
R 25	Approx 8 kg	2	36



SINTLINE



ALUMINIUM LINE

ALUMINIUM LINE is a new concept of nylon cutting line with extraordinary performances, cutting power and wear and tear up to 20% better than traditional trimmer line *

We offer different grades of Aluminium powder to satisfy our customer needs:

Available shapes:



ALUMINIUM MICRO POWDER

ALUMINIUM micro powder offers the highest cutting power.

It is available in ROUND, SQUARE, STAR shapes in a wide color range.



ALUMINIUM NANO POWDER

ALUMINIUM nano powder offers the highest wear and tear.

It is available in ROUND, SQUARE, STAR shapes three different colours: SILVER, GOLD, TITANIUM.



SINT LINE

XXX CHALLENGE



XXX CHALLENGE is the new TOP-QUALITY trimmer line made from special blend of high grade copolymers for an extremely flexibility and a very high wear and tears, for a very long working life and to perform in a wide variety of conditions

We offer XXX CHALLENGE in ROUND and SQUARE shapes in matt black colour

Round						Square						
Blister												
Diameter		Lenght		Pcs x Box	Box x Pallet		Diameter		Lenght		Pcs x Box	Box x Pallet
mm	Inch	m	feet				mm	inch	m	feet		
2,40	0,095"	10	33	60	45		2,40	0,095"	10	33	60	45
2,70	0,105"	10	33	60			2,70	0,105"	10	33	60	
3,00	0,120"	10	33	60			3,00	0,120"	10	33	60	
3,50	0,135"	8	26	60			3,50	0,135"	8	26	60	
Donuts												
Diameter		Lenght		Pcs x Box	Box x Pallet		Diameter		Lenght		Pcs x Box	Box x Pallet
mm	inch	m	feet				mm	inch	m	feet		
2,40	0,095"	74	242	24	45		2,40	0,095"	74	242	24	45
2,70	0,105"	58	190				2,70	0,105"	58	190		
3,00	0,120"	48	157				3,00	0,120"	48	157		
3,50	0,135"	35	114				3,50	0,135"	35	114		
4,00	0,155"	26	85				4,00	0,155"	26	85		
4,40	0,173"	22	72				4,40	0,173"	22	72		
5,00	0,196"	17	55				5,00	0,196"	17	55		
Spools												
Spool type		Weight	Pcs x Box	Box x Pallet		Spool type		Weight	Pcs x Box	Box x Pallet		
DIN200		3 lb (1,35 kg)	6	45		DIN200		3 lb (1,35 kg)	6	45		
DIN200		4 lb (1,80 kg)	6	45		DIN200		4 lb (1,80 kg)	6	45		
Industrial Spools												
Spool type		Weight	Pcs x Box	Box x Pallet		Spool type		Weight	Pcs x Box	Box x Pallet		
R15		Approx. 8 kg	2	48		R15		Approx. 8 kg	2	48		
R25		Approx. 8 kg	2	36		R25		Approx. 8 kg	2	36		

XXX CHALLENGE is the new TOP-QUALITY trimmer line made from special blend of high grade copolymers for an extremely flexibility and a very high wear and tears, for a very long working life and to perform in a wide variety of conditions.

We propose XXX CHALLENGE in a twisted version to catch ALL-IN-ONE the features of the new blend of copolymer and the feature of the twisted trimmer line.

Twist

Blister

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	Inch	m	feet			
2,40	0,095"	10	33		60	45
2,70	0,105"	10	33		60	
3,00	0,120"	10	33		60	
3,30	0,130"	8	26		60	



Donuts

Diameter		Lenght		Weight	Pcs x Box	Box x Pallet
mm	Inch	m	feet			
2,40	0,095"	70	230		24	45
2,70	0,105"	56	185			
3,00	0,120"	44	144			
3,30	0,130"	36	120			
3,90	0,155"	25	85			
4,30	0,170"	21	68			



Spools (P series)

Spool type	Weight	Pcs x Box	Box x Pallet
DIN200	3 lb (1,35 kg)	6	45
DIN200	4 lb (1,80 kg)	6	45



Industrial Spools

Spool type	Weight	Pcs x Box	Box x Pallet
R15	Approx. 8 kg	2	48
R25	Approx. 8 kg	2	36

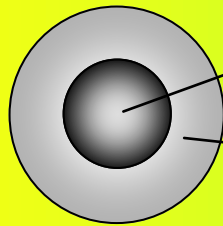


Table of measurement specifications				
Diameter		Meter x Kg		g x meter
mm	Inch	m	feet	
2,40	0,095"	181	593	5,55
2,70	0,105"	145	475	6,90
3,00	0,120"	121	396	8,24
3,30	0,130"	85	278	11,80
3,90	0,155"	58	190	17,00
4,30	0,170"	54	177	18,60

SINILINE

TWIN POWER

Double Impact Trimmer Line



Soft core Co-Polymer
for maximum flexibility

Outer shield for
maximum resistance

Double impact resistance
Optimum shaped design
Ultimate Co-Polymer formula
Best versatility for every uses
Long durability
Engineered for exhalted cut

Impact resistance
Max. Performances
Prime raw materials
All-Terrain cutting
Coextruded technology
Trimmer line no limits

SINTLINE



Round



Square

15 m Blisters

Diameter		Lenght		Pcs x Box	Box x Pallet
mm	inch	m	feet		
2,00	0,080"	15	50	80	45
2,40	0,095"	15	50		
2,70	0,105"	15	50	60	
3,00	0,120"	15	50		
3,30	0,130"	12	40		
4,00	0,155"	9	30		



Diameter		Lenght		Pcs x Box	Box x Pallet
mm	inch	m	feet		
2,00	0,080"	15	50	80	45
2,40	0,095"	15	50		
2,70	0,105"	15	50	60	
3,00	0,120"	15	50		
3,30	0,130"	12	40		
4,00	0,155"	9	30		

1 lb Donuts

Diameter		Lenght		Pcs x Box	Box x Pallet
mm	inch	m	feet		
2,00	0,080"	125	410	24	45
2,40	0,095"	88	288		
2,70	0,105"	70	229		
3,00	0,120"	56	183		
3,30	0,130"	46	150		
4,00	0,155"	31	101		



Diameter		Lenght		Pcs x Box	Box x Pallet
mm	inch	m	feet		
2,00	0,080"	110	360	24	45
2,40	0,095"	70	229		
2,70	0,105"	60	196		
3,00	0,120"	50	164		
3,30	0,130"	40	131		
4,00	0,155"	30	98		

Spools

Spool type	Weight	Pcs x Box	Box x Pallet
P 16	3 lb	8	55
P 20	4 lb	6	
P 20	5 lb	6	



Spool type	Weight	Pcs x Box	Box x Pallet
P 16	3 lb	8	55
P 20	4 lb	6	
P 20	5 lb	6	

Industrial Spools

Spool type	Weight	Pcs x Box	Box x
R 15	Approx. 8 kg	2	48
R 25	Approx 8 kg	2	36



Spool type	Weight	Pcs x Box	Box x
R 15	Approx. 8 kg	2	48
R 25	Approx 8 kg	2	36

ACCESSORIES



SINILINE

BLADES

TRIMMER HEADS

SAFETY FACE SHIELDS

MULTIFILAMENT TRIMMER HEADS

ANDROMEDA

- Universal Multifilament trimmer head
- Quick replacing system.
- Usable with trimmer line up to 5 mm.
- Available in blister.
- Packaging: 56 pieces.



Alluminium type



Nylon type

VEGA

- Universal Multifilament trimmer head
- Quick replacing system.
- Usable with trimmer line up to 4 mm.



GEMINI

- Universal Multifilament trimmer head
- Quick replacing system.
- Usable with trimmer line up to 4 mm.



SIRIO

- Universal Multifilament trimmer head
- Quick replacing system.
- Usable with trimmer line up to 5 mm.
- Available in bulk or in blister.
- Packaging: 15 pieces.



SINTELINE

TAP AND GO TRIMMER HEADS

URSA MINOR - URSA MAIOR

- Universal Tap n go trimmer head
- Available in bulk or in blister.
- Packaging: Ursa Minor in bulk 12 pcs, in Blister 20 pcs
Ursa Maior in bulk 18 pcs, in blister 12 pcs



Ursa Minor contains up to 8 mt. of yarn diameter 2,40 mm.



Ursa Maior contains up to 15 mt. of yarn diameter 2,40 mm.

ORIONE

- Universal Tap n go trimmer head
- Alluminuim rotating knob to prevent seizing.
- Usable with yarn up to 4,50 mm.
- Available in bulk or in blister.
- Packaging: in bulk 18 pcs, in blister 12 pcs



SINT LINE

EASY LOADING SYSTEM TRIMMER HEADS

URSA MINOR EASY

- Universal Tap n go trimmer head .
- Quick loading system.
- Usable with lines up to 3,30 mm.
- Packaging: 12 pcs.



URSA MAIOR EASY

- Universal Tap n go trimmer head.
- Quick loading system.
- Usable with lines up to 4,50 mm.
- Packaging: 12 pcs.



ZODIACO

- UniversalTap n go trimmer head .
- Quick loading system.
- Available in bulk or in blister.
- Packaging: 45 units in bulk 20 units in blister.



ANTARES

- UniversalTap n go trimmer head .
- Quick loading system.
- Available in bulk or in blister.
- Packaging: 45 units in bulk 20 units in blister.



ENIT LINE

MULTIPURPOSES TRIMMER HEAD

GALAXY

the professional trimmer head with an easy loading system and aluminium knob

- Universal Tap n go trimmer head .
- Easy replacing line with “Easy Change System”
- Usable with lines up to 5,00 mm.
- Available in bulk or in blister.
- Patent pending.



GALAXY BLOWER ADD-IN

GALAXY multipurpose trimmer head allow you to install GALAXY BLOWER

- Convert the trimmer head in a powerful blower.
- Easy fit-to-head.
- Usable with mostly of trimmer and brushcutters.
- Patent pending.



ENIT LINE

FACE SHIELDS



BASIC



STANDARD



PRO



SUPER PRO

BLADES AND DISKS

SINTLINE



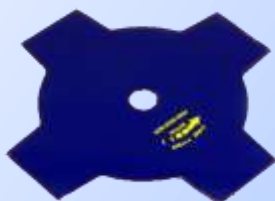
2 Teeth SKS5



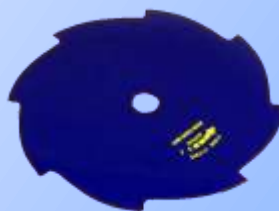
3 Teeth disc SKS5



3 Teeth blade



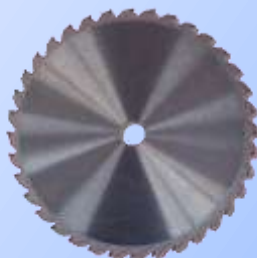
4 Teeth SKS5



8 Teeth SKS5



Saw 80 teeth SKS5



36 Teeth SKS5 Vidia



Moulching



Quality and service since 1972

AGRIPOL

Founded in 1972, SIAT is specialized in production of synthetics monofilaments mainly to be used in agricultural fields.

With this purpose, SIAT created AGRIPOL, the high tenacity polyester monofilament, that thanks to its extraordinary mechanic characteristics, found a lot of applications in agricultural fields, especially in vineyards, orchards, greenhouses, protection coverings, fences and all other applications in replacement of traditional iron wires.

AGRIPOL has a lot of advantages:

- Installation is very easy due to the great lightness of the wire.
- Saving money due to its lightness.

Besides the economical advantages **AGRIPOL** offers very good performances :

- High breaking load
- No alteration to change of temperature between - 40°C and + 70°C
- Very low elongation on high load - Permanent tension; it does not require to be tightened every year
- Not hygroscopic - abrasion resistant
- It fits to any kind of posts : cement - iron - wood - It is particularly indicated for mechanised harvest
- Strong and weak acids resistant, as well as organic solvents proof (except nitrobenzene, methacrylate and phenol), it also has a good resistance to weak alkali. Therefore it is neutral to chemicals used for plants and soil treatments in agriculture.



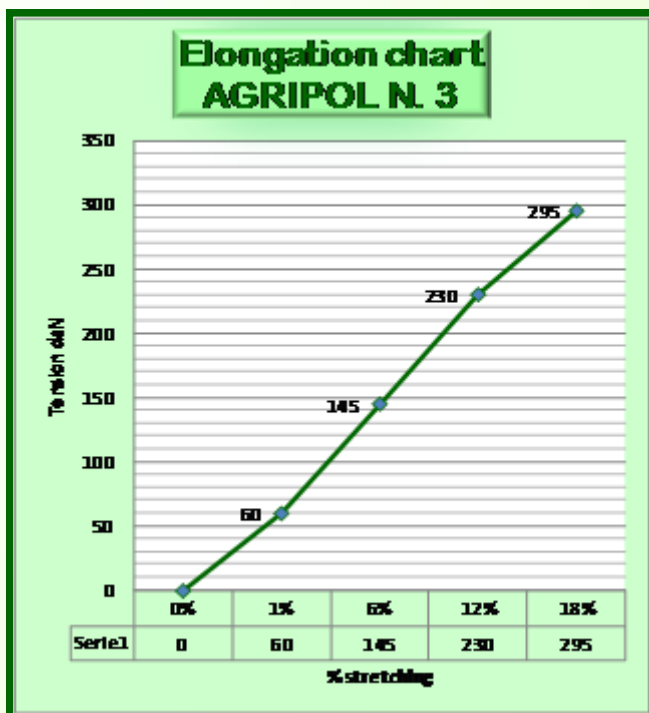
AGRIPOL VS. METAL WIRE

AGRIPOL	STEEL WIRE
AGRIPOL is motionless to changes in temperature (-40°C to +70°C). It is not electricity conductor.	Steel wire stretches and shrinks when the temperature changes. It is electricity conductor and can burn plants during storms.
Due to the great elasticity, AGRIPOL doesn't need to be re-stretched and always grants the right tension, saving time and work. The permanent tension also offers a great support for the trees and needs lower quantity of staples.	Steel wire need to be re-stretched frequently, never offer the right tension, more staples are needed. In winter time it falls on the ground with risk to be picked up by the machinery.
The lift up operation is easier due to the permanent tension, and the texture of the wire doesn't permit to tendrils to attach.	Lift-up operation is long and difficult, due also to the attaching tendrils. Losing suppleness after the operation.
During the operation of automatic lift-up, pre-pruning and harvesting, AGRIPOL stays tight and facilitate the passage of machines.	Slack wires are a risk for agricultural machines and may be damaged.
Strong and weak acids resistant, as well as organic solvents proof (except nitrobenzene, methacrylate and phenol), it also has a good resistance to weak alkali. Therefore it is insensitive to chemicals used for plants and soil treatments in agriculture. Ideal for use in coastal environments where steel wire rusts.	Tightening a galvanized wire create micro lesions and accelerates corrosion. Also the rust is a big problem for the lasting of the wire and for the plant safety.
Easy installation due to its light weight. No need retightening. It doesn't injure plants and if the wire is cut, it just fall down on the ground without causing injuries to workers.	Needs lot of work for installation due to the heavy weight. It must be tightened often. Galvanized and inox wire may cut leaves, fruits and trees and, If cut, it behaves as a lash with big risk for the workers.
It may be cut with pneumatic scissors, but reassembly is easy with a knot, a metal sleeve or a gripper.	It may be cut with pneumatic scissors, and it may damage scissors. The two ends run away and it takes time to recover and reconnect.

AGRIPOL N° 3 - Technical Sheet

POLYESTER MONOFILAMENT

BREAKING LOAD : 295 daN
 RESISTENCE PER MM² : 56 daN
 STRETCHING: 18%
 TENSION TO STRETCH 1% : 60 daN
 TENSION TO STRETCH 6% : 145 daN



QUICK AGEING TEST

The test is done exposing AGRIPOL to an artificial UV light type SOL2000. 2000 hours exposition is equivalent to a natural exposition to the sunlight for 5 years.

After 2058 hours of exposition AGRIPOL N. 3 showed the following results:

No visible alterations and no breakings even partial.

BREAKING LOAD: 278 daN

STRETCHING : 16%

AGRIPOL - Technical Characteristics

Specific weight 1,38 g/cm³
 Breaking load 46—50 kg/mm²
 Elongation to breakage 7—10%
 Melting point 250°C
 Available colours Natural and Black
 Other colours and diameters on request

Diameter mm.	Breaking load Kg.	Elongation max. %	m./kg.	Meters per Spool
1,8	150	9	285	2500
2	180	9	230	2200
2,2	225	10	190	1800
2,6	270	10	136	1300
3	365	10	102	1000
4	490	10	60	550

AGRIFIL

SIAT produces a high-tensile nylon monofilament with exceptionally strong mechanical characteristics. With high resistance to corrosion and a remarkable strenght , AGRIFIL is the replacement of traditional materials such iron wire, steel cables and metallic ropes.

In agriculture AGRIFIL has acheived excellent results in vineyards, orchards, greenhouses and in protective installations such anti-hail, windbreakers and shade nets.

Its main advantages are high strength, corrosion free, lightness (7 times lighter then iron), easy handling, lifetime, resistance to many chemical agents , high electric insulation and insensitiveness to atmospheric agents.



AGRIFIL - Technical Characteristics

Specific weight:	1,14 g/cm ³
Breacking load:	48 - 50 kg/mm ²
Maximum elongation:	12 - 18%
Elastic modulus:	44.000 kg/cm ²
Hardness, Rockwell scare R:	130
Izod resilience:	160 kg cm/cm
Melting temperature:	215 C°

Diameter mm.	Breaking load Kg.	Elongation max. %	m./kg.
2,00	155	18	280
2,50	230	18	175
3,00	340	18	120
4,00	520	18	70
5,00	710	18	44
6,00	900	18	30

All listed data is indicative only and without engagement. Customers should ascertain their own requirements without any responsability whatsoever from SIAT for their infringing of existing or future patent

REFERENCES



FISHING LINE



Commercial Fishing

Nylon for fishing nets

NYLON FOR FISHING NETS

In some types of fishing nets, our monofilament substitutes the traditional multifilament yarn with good advantages for the various fishing system.

Main characteristics:

- High tenacity and high U.T.S. (ultimate tensile stress)
- Max. resistance to knot and loop
- Elongation value under mechanical traction and yarn's shrinkage in hot water perfectly controlled and constant
- Great transparency and camouflage also in colors

Available colours: fluorescent , neutral, green, pearl grey, light blue, gold yellow and others on demand.

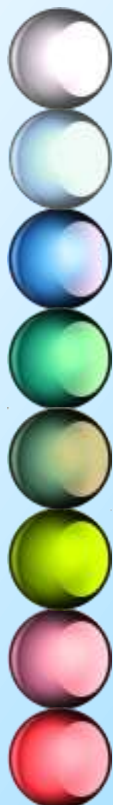
Monofilament for fishing net is normally produced in the following diameters: 0.12 - 0.15 - 0.18 - 0.20 - 0.23 - 0.25 - 0.28 - 0.30 mm.

Our standard packagings are:

ROCAN 400	400 gr.
ROCAN 600	600 gr.
ROCAN 800	800 gr.
ROCAN 600L	800 gr.
ROCAN 800L	1000 gr.



SEA•WOLF



SEA•WOLF is the hi-tech fishing line that has been used for 40 years all over the world by professionals and sportsmen; it is the result of the 4 basic features integration: Flexibility - Tenacity - Transparency - Abrasion proof.

Characteristics that are constantly improved by a continuous laboratory research.

With **SEA•WOLF** you can achieve excellent results, by facing with confidence unexpected fishing situations in difficult conditions. The wide range of available sizes includes 7 standard colours. The packaging in spools and hanks of different weights and dimensions respond to any requirement.



COMMERCIAL FISHING

SEA•WOLF

main line is the special fishing line for professional fishing. Developed to be used as main line, it is available in spools from 2,5 up to 65 Nautical Miles.



Diameter mm.	2,00	2,20	2,50	2,80	3,00	3,60	4,00	4,50	5,00	6,00
Kg. Test	180	215	250	317	340	453	550	700	800	1100
Pound test	400	475	550	700	750	1000	1200	1500	1750	2400



SEA•WOLF

branch line is the special fishing line for professional fishing. Developed to be used as branch line, it is available in hanks.



Diameter mm.	0,60	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,80
Kg. Test	21,5	26	32	40,2	46	59	68	80	90	100	125	150
Pound test	47	57	70	88	100	130	150	175	200	220	275	330

Packaging: Hanks 500 - 1000 - 2000 m. 1 - 2 Kg.

FISHING LINE

DIAMETER		BREAKING LOAD		METERS per KG	
MM	INCHES	KG	POUND	METERS	YARDS
0,08	0,003	0,6	1,4	172000	190470
0,10	0,004	0,9	2	112000	124030
0,12	0,0047	1,2	2,6	77600	85930
0,15	0,006	1,8	4	49700	55030
0,18	0,007	2,5	5,5	34800	38050
0,20	0,0078	3,1	7	28000	31000
0,25	0,009	4,2	10	17800	19500
0,30	0,011	6,1	13	12500	13700
0,35	0,013	8,6	20	3120	10000
0,40	0,015	11,5	25	7000	7750
0,45	0,017	13,5	30	5500	6000
0,50	0,019	15,2	35	4460	4940
0,55	0,021	18,1	40	3690	4000
0,60	0,023	21,5	47	3150	3450
0,70	0,027	26	57	2280	2500
0,80	0,031	32	70	1740	1920
0,90	0,035	40	88	1380	1500
1,00	0,039	46	100	1115	1200
1,10	0,043	59	130	922	1020
1,20	0,047	68	150	776	850
1,30	0,051	80	175	660	730
1,40	0,055	90	200	570	620
1,50	0,059	100	220	490	540
1,60	0,062	125	275	435	470
1,80	0,07	150	330	345	340
2,00	0,078	180	400	280	250
2,50	0,098	250	550	175	190
2,80	0,11	317	700	140	155
3,00	0,118	340	750	120	131
3,30	0,129	407	900	102	111
3,50	0,137	453	1000	90	99
4,00	0,157	550	1200	70	76
4,50	0,177	700	1500	55	61
5,00	0,196	800	1750	44	48
6,00	0,236	1100	2400	30	33

SPOOLS		
Spool	Capacity	Size
R1	100 YD	1,3 to 7,5 lb test
R2	100 and 300 YD	8,5 to 26 lb test
R91	100 and 300 YD	32 to 88 lb test
R92	1/4 lb	100 to 150 lb test
100	1/2 lb	5 to 270 lb test
125	1 lb	5 to 400 lb test
160	2 lb	5 to 750 lb test
200	4 lb	5 to 1100 lb test
250	5 lb	9 to 1100 lb test
IRON REEL	35 Nautical Miles	750 lb test
	40 Nautical Miles	1000 lb test
	50 Nautical Miles	1200 lb test
	65 Nautical Miles	1500 lb test

COILS		
100 YD	15 to 800 lb Test	5 Coils connected in a polybag The inner diameter of the coil is 130 mm (5 in)
500 YD	200 to 1100 lb Test	The single coil is pace in a polybag The inner diameter of the coil is 350 mm (14 in) The external diameter in max. 600 m (23,60 in)
1000 YD	100 to 600 lb Test	
2000 YD	40 to 80 lb Test	

Line lenght per spool in Nautical Miles									
SPOOL	CAPACITY	2,0 mm	2,5 mm	3,0 mm	3,5 mm	4,0 mm	4,5 mm	5,0 mm	6,0 mm
AS	60 lb	2,5	2,5	-	-	-	-	-	-
BS	120 lb	5 - 7,5	5	2,5	2,5	-	-	-	-
CS	160 lb	10	7,5	5	-	2,5	-	-	-
DS	220 lb	-	10	7,5	5	-	2,5	2,5	-
ES	370 lb	-	-	10	7,5	5	5	-	2,5
FS	440 lb	-	-	-	10	7,5	-	5	-
GS	750 lb	-	-	-	-	10	7,5	7,5	5



NYLON FOR FISHTAPES

Fishtapes must have special characteristics to be inserted and driven in a quick and simple way.

The mechanical characteristics as rigidity and elasticity, make this monofilament one of the most valued product even for the most severe uses.

Other important characteristics of these yarns are: no breakings even with very high traction and thrust stress on the two ways, longitudinal and transversal, very high resistance to the abrasion and low friction coefficient due to the particular external geometry and to the polymeric structure.



DIAMETER:	3,00 - 4,00 mm.
COLOURS	Natural / Black
PACKAGING:	10/12 Kg. Coils
SPECIFIC WEIGHT:	1,14 g./cm ³
BREAKING LOAD:	45 – 50 Kg./mm ²
STRETCHING	15 – 18 %
ELASTICITY:	44.000 Kg./cm ²
HARDNESS ROCKWELL R.:	130
IZOD:	160 Kg. cm/cm
MELTING POINT:	230° C

NYLON FOR TANNERY INDUSTRY

FOR TANNERY INDUSTRY USED TO MAKE CARPETS FOR SPRAYERS

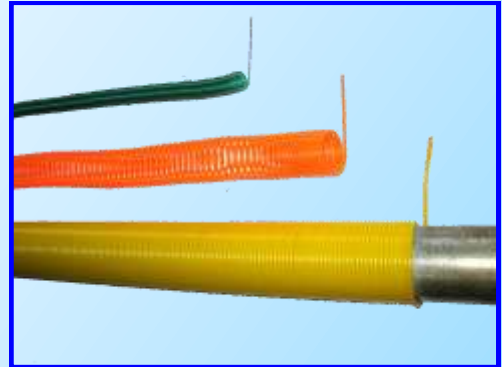


DIAMETER:	2,00 mm.
COLOURS:	Natural
PACKAGING:	3,5 Kg. Spools,
WEIGHT:	1,14 g./cm ³
BREAKING LOAD:	45 – 50 Kg./mm ²
ELONGATION:	15 – 18 %
ELASTICITY:	44.000 Kg./cm ²
HARDNESS ROCKWELL :	130
RESILIENCE IZOD:	160 Kg. cm/cm
MELTING POINT:	230° C

NYLON SPIRALS FOR STEEL BARS PROTECION

Grind steel bars needs to be protected during handling covering them with few turns of spirals made with special polymers with great mechanical characteristics.

Spirals are supplied closed, one meter lenght. Few turns are cut to apply to the steel bar for protection. These spirals avoid contacts within bars and also protect from hurts. The bar surface are so fully protected against handling possible damages



SIATPUR PIPES

SIATPUR is a high flexible pipe with a very good characteristics especially for pneumathics, fluidies, automotive, mechanics and electromechanic fields.

Thanks to the non-toxicity components, SIATPUR can be used in medical, pharmaceutic and food. SIATPUR has so many different applications that we suggest to consult our technical office to have usefull information.

MAIN CHARACTERISTICS

- High flexibility for every runs and minimum bending radius without bottleneck in the pipe. This remarkable characteristic remains the same at low temperature.
- High elastic modulus and high resistance to traction.
- High elongation breaking with maximum tearing.
- Total elastic recovery without pipe deformations.
- Very good abrasion resistance, necessary to connect .
- Grease, mineral oil, gasoline resistance.
- Good resistance to hydrolysis, ozone and oxigen. Stable to UV ray exposition.
- Operating temperatures between -40 and +100°C.
- Operation pressure is 6 bars.

Pipes are packed in coils of 100 and 200 meters.





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