

Industrial Yarns

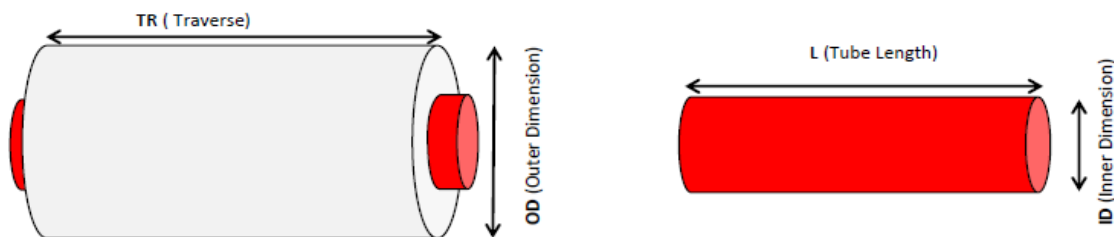
Engineered Roundsling Constructions

Linear Density		Minimum Breaking Load (MBL)		
[Denier]	[Decitex]	[lbf]	[kgf]	[N]
Polyester*				
60.000	66.000	1.050	476	4.671
80.000	88.000	1.400	635	6.228
100.000	110.000	1.800	816	8.007
120.000	132.000	2.100	953	9.341
140.000	155.000	2.500	1.134	11.121
210.000	233.000	3.600	1.633	16.014
TITAN Pure**				
17.600	19.360	1.050	476	4.671
35.200	38.720	2.100	953	9.341
72.000	79.200	4.100	1.860	18.238
108.000	118.800	6.000	2.722	26.689
TITAN Blend**				
72.000	79.200	3.600	1.633	16.014
108.000	118.800	5.300	2.404	23.576

* High tenacity polyester yarn has the following characteristics: Good Heat-, UV- and abrasion resistance, higher elastic elongation and a moisture absorption $\leq 2\%$ of its weight.

** TITAN high performance yarn is four times stronger than polyester. TITAN has excellent cut and abrasion resistance, floats on water and has a very low elastic elongation. TITAN is $1/7^{\text{th}}$ the weight of steel wire products and 30% lighter than polyester.

Our engineered solutions allow us to offer yarn packages and blends to meet the specific needs of your production process. Please see the table below for standard polyester offerings. Custom color markers are available on request for polyester, TITAN pure and TITAN blend.



Bobbin Parameters

Inner Diameter	Length	Outer Diameter	Traverse	Maximum Weight	
[mm]	[mm]	[mm]	[mm]	[kg]	[lbs]
94	290	280	250	12,5	27,6
94	330	280	280	14,5	32,0
94	430	280	400	20,5	45,2
75	290	280	250	13,5	29,8
75	320	280	280	15	33,1
60	320	280	280	15,5	34,2