



# Astra Line



## Characteristics

**Melting point:**  
165° - 260°C

**Specific gravity:**  
1,14%

**Abrasion Resistance:**  
excellent

**Elongation at break:**  
approximately 20%

## Astra 8-strand PP/PES White

Article No.	Size No.	Diameter mm	Weight Kg/100 mtr	MBF mtons	MBF kN	Weight lbs/100 ft	MBF Lbs
159040	5	40	88	36,7	360	59	80.855
159044	5,5	44	107	44,1	432	72	97.158
159048	6	48	127	52,2	512	85	115.003
159052	6,5	52	149	60,8	596	100	133.950
159056	7	56	173	70,2	688	116	154.660
159060	7,5	60	198	80,1	785	133	176.471
159064	8	64	225	90,8	890	151	200.044
159072	9	72	285	114	1.117	192	251.157
159080	10	80	352	139	1.362	237	306.235
159088	11	88	426	168	1.646	286	370.125
159096	12	96	507	198	1.940	341	436.219
159104	13	104	595	231	2.264	400	508.922
159112	14	112	690	267	2.617	464	588.235
159120	15	120	792	304	2.982	532	670.380

The Oliveira ropes are produced in the Oliveira factory in Paredes, Portugal, in accordance with ISO 2307:2005. The breaking forces indicated are referring to the strength in the ropes itself, without efficiency losses due to splicing or other end terminations.

## Astra 8-strand PP/PES Tails 11 meters

Article No.	Size No.	Diameter mm	Weight per tail in Kg	MBF mtons	MBF kN	Weight per tail in lbs	MBF Lbs
159156	7	56	30	70,2	688	66	154.660
159160	7,5	60	34	80,1	785	75	176.471
159164	8	64	40	90,8	890	88	200.044
159168	8,5	68	45	102	1.000	99	224.809
159172	9	72	50	114	1.117	110	251.157
159176	9,5	76	57	127	1.246	126	280.112
159180	10	80	65	139	1.362	143	306.235
159184	10,5	84	73	155	1.520	161	341.710
159188	11	88	82	168	1.646	181	370.125

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