

# Astra Line® 8 Strand and 12 Strand Rope

**Applications:**

- Winch lines
- Mooring lines
- Towing lines



Astra Line® yarns are composed by a polyver® core and a high-grade polyester cover. This composite yarn has been proven to give excellent performance in resisting abrasion, on both the inside and outside of Astra Line®. Its low friction leads to a decreased heat development inside the rope, giving a higher safety factor and longer rope lifetime.

- **Material:** Composite yarns (polyester and polyver)
- **Construction:** 8 strand braided rope with jacket over 3 strand core (12 strand on request)
- **Color:** White
- **Specific gravity:** 1.14
- **Melting point:** 260/165°C

Size Number	Diameter mm	Weight Kg/100m	MBF*	
			tf	kN
3.5	28	43.4	18.5	181
3.75	30	49.8	21.1	207
4	32	56.6	23.9	234
4.5	36	71.7	30.0	294
5	40	88.5	36.7	360
5.5	44	107	44.1	433
6	48	127	52.2	511
6.5	52	150	60.8	597
7	56	173	70.2	688
7.5	60	199	80.1	786
8	64	227	90.8	890
9	72	287	114	1117
10	80	354	139	1368
11	88	428	168	1643
12	96	510	198	1943
13	104	600	231	2237
14	112	690	267	2614
15	120	796	304	2986
16	128	609	345	3381
17	136	1020	387	3799
18	144	1150	433	4241

- **Breaking Strength:** Equal dry and wet **Testing method:** Based on ISO 2307
- **Rope identification:** 1 green yarn (in one strand) **TCLL value:** 75.2% (Astra 8-strand)