

# DYNICE 78 Rope Durapur

## Product information



DYNICE 78 ropes are made from DSM's Dyneema® SK78 fibres. They are impregnated with Duracoat to improve resistance and endurance. High performance ropes for various applications with high strength and durability.

The main focus is on 12-strand braided ropes which have proven very popular for their roundness and smooth surface. These ropes combine good strength retention with good flexibility and dynamic properties. Termination is easy through splicing where up to 90% of linear strength is retained.

### Three basic types are being offered:

- DYNICE 78 12-strand braided rope
- DYNICE 78 with braided cover
- DYNICE 78 Cable rope

### Design:

The 12-strand braided rope from Dyneema SK78 fibres, impregnated with Duracoat for improved abrasion resistance, has proven its reliability. Very popular for their roundness and smooth surface. The ropes are soft and flexible and easy to splice.

### Properties:

**Density:** 0,97 g/m<sup>3</sup>

**Tenacity:** 3,5 N/tex.

**Modulus:** 120 N/tex.

**Elongation:** 3,7%

**Melting point:** 144-152°C.

**Resistance to chemicals:** Excellent.

**UV resistance:** Good.

**Flexibility:** Good.

**Material:** Dyneema®

Part code	Diameter mm	MBL ton	Weight in sea kg	Weight kg/100m
12.122911035	6	4.2	-0.18	2.3
12.122911040	8	6.7	-0.3	3.8
12.122911050	10	10.7	-0.49	6.1
12.122911061	12	16.4	-0.75	9.3
12.122911070	14	21.8	-1	12.5

12.122911080	16	27.4	-1.28	16
12.122911090	18	35	-1.66	20.7
12.122911100	20	41.9	-2.02	25.2
12.122911110	22	50	-2.45	30.5
12.122911120	24	57.8	-2.86	35.6
12.122911130	26	65.7	-3.29	41
12.122911140	28	73.8	-3.73	46.5
12.122911150	30	72.8	-4.13	51.5
12.122911160	32	88.3	-4.55	56.7
12.122911170	34	86.1	-4.97	62
12.122911180	36	102.9	-5.39	67.2
12.122911190	38	99.8	-5.86	73
12.122911200	40	119.8	-6.36	79.3
12.122911210	42	117.7	-6.99	87.2
12.122911220	44	140.7	-7.56	94.3
12.122911230	46	136.5	-8.2	102.2
12.122911240	48	165	-8.98	111.9
12.122911250	50	160.8	-9.78	121.9
12.122911260	52	173.4	-10.6	132.2
12.122911270	54	186.2	11.45	142.7