Lifting Solutions Group
Axel Johnson International

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^3
Tenacity: 3,5 N/tex.
Modulus: 120 N/tex.
Elongation: 3,7%
Melting point: 144-152ºC.
Resistance to chemicals: Excellent.
UV resistance: Good.
Flexibility: Good.

... *Read more*

Material: Dyneema®

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Technical data

Part code	Diameter mm	MBL ton	Weight in sea kg	Weight kg/100m
301200600000130	6	4.2	-0.18	2.3
301200800000130	8	6.7	-0.3	3.8
301201000000130	10	10.7	-0.49	6.1
301201200000130	12	16.4	-0.75	9.3
301201400000130	14	21.8	-1	12.5
301201600000130	16	27.4	-1.28	16
301201800000130	18	35	-1.66	20.7
301202000000130	20	41.9	-2.02	25.2
301202200000130	22	50	-2.45	30.5
301202400000130	24	57.8	-2.86	35.6
301202600000130	26	65.7	-3.29	41
301202800000130	28	73.8	-3.73	46.5
301203000000130	30	80.9	-4.13	51.5
301203200000130	32	88.3	-4.55	56.9
301203400000130	34	95.7	-4.97	62
301203600000130	36	102.9	-5.39	67.2
301203800000130	38	110.9	-5.86	73
301204000000130	40	119.8	-6.36	79.3
301204200000130	42	130.8	-6.99	87.2
301204400000130	44	140.7	-7.56	94.3
301204600000130	46	151.7	-8.2	102.2
301204800000130	48	165	-8.98	111.9
301205000000130	50	178.7	-9.78	121.9
301205200000130	52	192.7	-10.6	132.2
301205400000130	54	206.9	-11.45	142.7