



## HMPE-D

### FEATURES:

Material: 12 strands UHMWPE rope core with high performance polyester braided cover

Specific gravity: 1.01 – 1.09

Elongation: 5% at break

Melting point: 262°C/150° C

Good resistance to UV and chemicals

Superior abrasion resistance

No difference in tensile strenght when wet or dry

### APPLICATIONS:

Mooring line, Tug line, Super sized commercial vessel, wire rope replacement

SIZE		LINEAR DENSITY	WEIGHT	BREAKING STRENGHT			
cir (inch)	dia (mm)			BS (Yarns T/S-41 g/d)		BS (Yarns T/S-32 g/d)	
		ktex	220 m (kg)	ton	kN	ton	Kn
3-1/2	28	490	116	76,20	748	52,20	562
4	32	621	148	91,20	895	68,50	671
4-1/2	36	767	182	107,30	1052	80,40	789
5	40	868	206	131,00	1285	98,20	964
5-1/2	44	955	227	157,00	1540	118,00	1158
6	48	1137	270	185,00	1815	139,00	1364
6-1/2	52	1342	295	212,00	2080	159,00	1560
7	56	1547	368	246,00	2408	184,00	1805
7-1/2	60	1784	392	265,00	2599	199,00	1952
8	64	2021	480	296,00	2903	222,00	2178
9	72	2598	617	365,00	3580	274,00	2688
10	80	3195	773	444,00	4355	333,00	3266
11	88	4450	1060	519,00	5090	390,00	3825
12	96	5700	1350	606,00	5943	455,00	4463
13	104	7670	1688	695,00	6810	520,00	5096

+/- 5% tolerance according to ISO 2307