



## Powerplast

Hoist rope for deck cranes and offshore cranes, and other applications in the marine environment, where rotation resistant ropes are required.

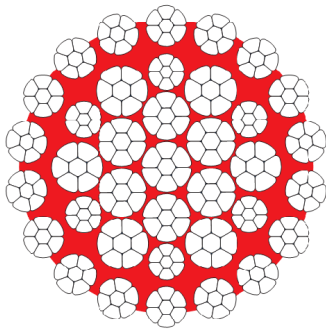
Is a rotation resistant hoist rope made out of compacted strands.

Is fully lubricated.

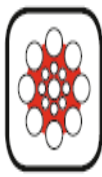
Has a plastic layer between the steel core and the outer strands giving the rope a high structural stability. The plastic layer also assists in avoiding internal rope destruction and protecting the core against corrosive environments.

Has a high breaking load and good resistance against drum crushing.

Regular Lay or Langs Lay.



## PROPERTIES



Plast rope



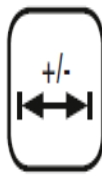
Compacted



Swivel



Lubricated



Tolerance

# Product Specifications

Name	ITEM #	Diameter	Metallic Area (mm <sup>2</sup> )	Approximate Mass (kg/100m)	Grade 1770 MBF (kN)	Grade 1960 MBF (kN)	Grade 2160 MBF (kN)
Powerplast 42mm		42	1013.4	891.8	1455	1611.2	1766.3
Powerplast 40mm		40	926.6	815.4	1360	1462	1615
Powerplast 38mm		38	826.4	727.3	1191	1319	1440.3
Powerplast 36mm		36	738.9	650	1070	1185	1287.3
Powerplast 34mm		34	656.9	578.1	950.8	1045	1144.9
Powerplast 32mm		32	584.9	514.7	843.4	930	1019.4
Powerplast 30mm		30	514.4	452.7	738.1	817.4	896.5
Powerplast 28mm		28	446.6	393	643.7	712.9	778.4
Powerplast 26mm		26	389.2	342.5	555	614.9	678.3
Powerplast 25mm		25	358.3	315.3	512.8	567.9	624.5
Powerplast 24mm		24	326.3	287.2	474.3	524.3	568.7
Powerplast 23mm		23	300.9	265	431.4	477.6	524.4
Powerplast 22mm		22	276.2	243	398.5	441.4	481.4
Powerplast 21mm		21	251.9	222	361.2	400	439

Powerplast 20mm	20	227.7	200.4	329.3	362.2	396.9
Powerplast 19mm	19	207.2	182.4	297.7	329	361.1
Powerplast 18mm	18	186.7	164.3	266.9	293.9	325.4
Powerplast 17mm	17	164.2	145	235.4	260.7	286.2
Powerplast 16mm	16	147	129.4	209.4	230.6	256.2
Powerplast 15mm	15	127.6	112.3	184.5	204	222.4
Powerplast 14mm	14	111.7	98.3	161.7	179.1	194.7
Powerplast 13mm	13	97.2	85.6	139	152.7	169.4
Powerplast 12mm	12	81.8	72	118.2	130.8	142.6

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