

## Jeyflex 12 Strand HMPE

Jeyflex 12 is manufactured from High Modulus Polyethylene (HMPE) and is designed to meet the need for high load applications where exceptionally low weight and flexibility are required in a cost driven environment.

Jeyflex has a specially formulated coating system to maintain flexibility for ease of handling and inspections, whilst not compromising on strength or durability. Jeyflex is resistant to kinking, maintains strength around tight bend radius and has low recoil making it safer than traditional steel rigging products.

### Features

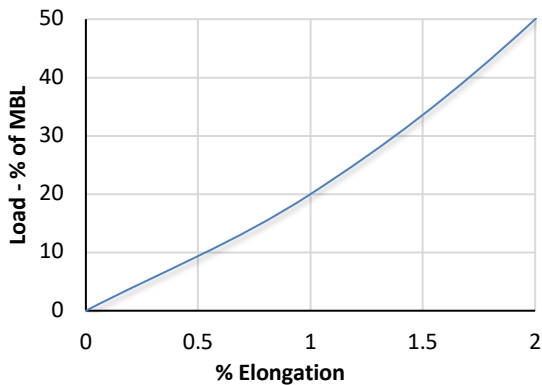
- Highest strength to weight ratio of any fibre
- Low Creep
- High Chemical Resistance
- Very low elongation
- Safer than wire
- Easy to splice
- Excellent durability

### Technical Information

Specific gravity	<b>.98*</b>
Melting point	<b>150°C</b>
Critical temp.	<b>70°C</b>
Elongation at break	<b>3.5%</b>
Coefficient of friction	<b>0.09-0.12*</b>
Floats/Sinks	<b>floats</b>
UV resistance	<b>moderate</b>
Wet abrasion	<b>superior</b>
Dry abrasion	<b>superior</b>

\* value based on data supplied by the fibre manufacturer for new, dry fibre

**Jeyflex 12 Elongation (%)**



Nominal Diameter		Size Circ.	Approximate Weight	Minimum Tensile Strength Spliced	Minimum Tensile Strength ISO Unspliced
Inch	MM	Inches	Kg/ 100m	Tonnes (Te)	Tonnes (Te)
1/8"	3	3/8"	1.1	1.3	1.4
5/32"	4	15/32"	1.7	2.2	2.4
3/16"	5	9/16"	2.4	3.1	3.4
1/4"	6	3/4"	3	4.3	4.8
5/16"	8	15/16"	4.1	6.6	7.3
3/8" -	9	1 1/8" -	4.7	8.4	9.3
3/8" +	10	1 1/8" +	5	9.7	10.8
7/16"	11	1 1/4"	7	10.9	12.1
1/2"	12	1 1/2"	8	15.3	17.0
9/16"	14	1 3/4"	11	17.9	19.9
5/8" -	15	2" -	12	20.0	22.2
5/8" +	16	2" +	14	21.2	23.5
11/16"	17	2 1/8"	16	27.0	30.0
3/4"	18	2 1/4"	18	31.3	34.7
13/16"	20	2 1/2"	22	40.8	45.3
7/8"	22	2 3/4"	26	47.0	52.2
1"	24	3"	31	55.2	61.3
1 1/16"	26	3 1/4"	37	65.3	72.5
1 1/8"	28	3 1/2"	43	76.0	84.4
1 1/4"	30	3 3/4"	49	82.5	91.6
1 5/16"	32	4"	56	84.6	93.9
1 1/2"	36	4 1/2"	71	106.8	118.5
1 9/16"	38	4 3/4"	79	118.0	131.0

\*Other diameters available on request