

# Ocean 12 & Ocean 12 HS Dyneema® SK75 Single Braid

## Ocean 12



### Applications

- Strops
- High load purchase systems
- Halyards
- Runners
- Checkstays
- Afterguys
- Winch lines

### Features/Benefits

- High strength to weight ratio
- High UV resistance
- Floats and does not absorb water
- Available in 3mm to 12mm diameter
- Low stretch
- High internal and external abrasion resistance
- High performance abrasion/heat resistant jackets available on request

## Ocean 12 HS (Heat Stretched)



### Applications

- Strops
- Halyards
- Runners
- Checkstays
- Afterguys
- Tow ropes & cables
- Wire rope replacement

### Features/Benefits

- Highest strength to weight ratio in range
- High UV resistance
- Floats and does not absorb water
- Available in 8mm to 44mm diameter
- Suitable replacement of wire running rigging and in applications where minimum creep is desirable
- Very low stretch
- Very high internal and external abrasion resistance
- High performance abrasion/heat resistant jackets available on request

## Fibre Characteristics

Fibre Type	Description	Specific Gravity	Sensitive to	Resistant to	Heat Reaction	Strength & Elongation
Ocean 12 Dyneema® SK75 Ultra High Molecular Weight Polyethylene (UHMWPE)	Continuous Filament	0.97 g/cm <sup>3</sup>	Strong oxidizing agents, Chlorosulfonic & Nitric acids at high temperatures. Slightly affected by Sodium Hydroxide (pH>14)	Most acids & alkalis, cold alcohols, ethers, esters, ketones & bleaches	Softens 144°C. Melts 152°C	Equivalent wet/dry strength ratio. Elongation 3.7% at Break
Ocean 12 HS Dyneema® SK75 Ultra High Molecular Weight Polyethylene (UHMWPE)	Continuous Filament	0.97 g/cm <sup>3</sup>	Strong oxidizing agents, Chlorosulfonic & Nitric acids at high temperatures. Slightly affected by Sodium Hydroxide (pH>14)	Most acids & alkalis, cold alcohols, ethers, esters, ketones & bleaches	Softens 144°C. Melts 152°C	Equivalent wet/dry strength ratio. Elongation 3% at Break