



Acera[®] Yellow is constructed with a U-shaped core with single cover or double cover. The 3-step coating process ensures an outstanding resistance to particle ingress. It also protects against internal and external abrasion and prevents the core and cover from moving independently.

This unique three single step coating process demonstrates the uncompromising commitment to the quality standards of Acera[®]. Single step coating is proven to significantly enhance internal and external abrasion resistance, and extend service life and strength. It is used ropes are twice as long before the next rope construction, and has become the most common construction for HMPE ropes. Acera[®] Yellow is the alternative to the common double core ropes. It is stronger, stiffer, with significantly less snap back/bend. The corresponding weight is therefore three times lower than regular conventional ropes. The reduction in diameter leads to significant savings in weight (30%), space and handling. This reduces the total time required for mooring operations and fuel consumption.

The outer cover of the rope together with the inner core will help to significantly reduce the diameter impact of UV radiation on the rope and also decrease the resistance to abrasion from the seabed as well as from the hull.

SUITABLE



Fishing



Lifting



Moorings



Offshore



Towing

PRODUCT FEATURES

Construction	U-shaped polymer core Three glass fiber cover
Size	Acera HMPE
Specific gravity	with cover 1.37 (average) HMPE core 1.30 (average)
Colors	Yellow
UV resistance	Good
Abrasion resistance	Good
Anti-rustness	Good
Moisture resistance	Good
Heat resistance	Good
Marine biocorrosion resistance	Good
Water resistance	Good (no absorption)
Strength	Low to high strength
Colors polyamide cover	Black
Colors fluoropolymer	Yellow, White

KEY BENEFITS

- Resistant to external damage and particle ingress
- Single step coating: high abrasion resistance
- Easy handling
- High construction stability
- Red balanced drift and high strength
- No rotation under load
- Optional full polyester cover available

CERTIFICATE

