

NYLON ROPE 3-STRAND

TECHNICAL DATA SHEET

3-strand Nylon Rope made from high-tenacity polyamide fibers is a durable, high-strength marine rope with excellent elasticity for shock load absorption.

Compliant with ISO 1140 and ISO 2307, it offers superior abrasion resistance, good UV stability and outstanding wet/dry performance. With a specific gravity of ~1.14, it sinks making it ideal for anchor ropes and mooring lines. Melting point is ~215 °C and elongation at break is typically 30%+, delivering exceptional energy absorption. Its twisted construction provides balanced lay, torque stability and easy splicing, making it a preferred choice for anchor lines, mooring ropes and dock lines in both recreational and commercial marine environments. We're a leading 3-Strand Nylon Rope supplier Australia.

Larger sizes available on request.

Applications

- **High-tenacity polyamide fibers:**
For maximum tensile strength
- **30%+ elongation at break:**
For superior shock load absorption
- **Specific gravity 1.14:**
Sinks in water for secure anchoring
- **Excellent abrasion and wear resistance** even when wet
- **Good UV resistance** with long outdoor service life
- **Easy to splice,** supple handling and reliable knot-holding
- Meets **ISO 1140 & ISO 2307** manufacturing standards



Specifications

Product Code	Diameter (mm)	Weight (KGS/100m)	Breaking Strength (Kg)
RSN06	6	2.25	760
RSN08	8	4	1390
RSN10	10	6.2	2130
RSN12	12	8.9	3040
RSN14	14	12.2	4180
RSN16	16	15.8	5380
RSN18C	18	20	6880
RSN20C	20	24.5	8450
RSN22C	22	30	10400
RSN24C	24	35.5	12300
RSN28C	28	48.5	16200

Measurements in tables may vary between different models. Ocean Force strives to ensure accuracy but encourages customers to contact us with any questions.