



GLOBAL SHIP SUPPLY

Rope Catalog

www.avsglobalsupply.com

About

AVS are pioneers in the maritime **supply, catering, management and logistics**, enriching seafarers' lives across the globe for over 39 years. Our foundation is built on a vast network that spans **1,500+ ports in 126 countries**, ensuring we deliver excellence in every service we offer. Our commitment to **quality, innovation, and sustainability** drives us to not just meet but exceed the expectations of our clients, making their operational challenges ours to solve.

Partner with AVS, where fast, efficient and reliable maritime solutions is our priority.



AVS Global Ship Supply Promise

- To motivate a team of diligent personnel
- To focus on quality products and customer satisfaction
- To continually grow our sales drive targeting strategic key accounts
- To aim to be the preferred supplier of high-performance Ropes and Articles of Ropes for strategic customers.
- To continually strengthen our product development and expand product range.

8 Strand Ropes

Polypropylene Rope

Applications:

- Mooring

Properties:

- High strength at lower weights
- Highly resistant to chemicals such as acids and alkalis
- Floats in water, does not absorb water
- Low elongation
- High abrasion resistance
- Easy to splice
- Certified by DNV GL

DIA. MM	CIR. INCH.	WEIGHT KGS/220M	MINIMUM BREAKING LOAD KGF (KILOGRAM-FORCE)
40	5	160	26300
48	6	229	37500
56	7	314	53100
64	8	407	68700
72	9	515	86000
80	10	638	105800
96	12	917	150200
104	13	1078	175500
112	14	1254	203500

Mixed Rope

Applications:

- Towing

Properties:

- Specific gravity equivalent to nylon, hence sinks in water
- Higher breaking strength than nylon of equivalent weight
- Excellent abrasion resistance
- Controlled elongation
- High energy absorption
- Wet breaking strength higher than that of nylon as fibers do not absorb moisture
- Retains flexibility even after prolonged use
- High UV resistance

DIA. MM	CIR. INCH.	WEIGHT KGS/220M	MINIMUM BREAKING LOAD KGF (KILOGRAM-FORCE)
40	5	195	30700
48	6	282	46290
56	7	378	62800
64	8	495	82600
72	9	627	102000
80	10	775	125500
96	12	1315	155000

8 Strand Ropes

AVS Ultra Lite

Applications:

- Towing

Properties:

- 25% more strength than conventional polypropylene ropes
- Unaffected by acids and alkalis
- Floats in water, does not absorb water
- Higher strength to weight ratio, facilitating
- Downsizing vis-a-vis polypropylene ropes
- Special blend of raw material enables
- Higher abrasion resistance than normal
- Polypropylene ropes
- Easy to splice

DIA. MM	CIR. INCH.	WEIGHT KGS/220M	MINIMUM BREAKING LOAD KGF (KILOGRAM-FORCE)
40	5	174	29100
48	6	252	44400
52	6.5	295	51900
56	7	343	59200
64	8	448	75900
72	9	566	91600
80	10	701	116000
88	11	850	140000
96	12	1007	165500

AVS Nylon Rope

Applications:

- Ideal for use as bow-to-stern towing hawsers, surge lines, & Industrial ropes.

Properties:

- It takes good fibres or filaments to give full strength
- Abrasion resistance assures extra life on pulleys, winches & other wearing or torsion condition
- Flexibility makes ropes agile & easy to handle under all working condition.
- Water repellence keeps rope from swelling when Wet, and prevents them from becoming stiff & unmanageable

DIA. MM	CIR. INCH.	WEIGHT KGS/220M	MINIMUM BREAKING LOAD KGF (KILOGRAM-FORCE)
40	5	217.8	30700
48	6	312.4	42800
56	7	424.6	57100
64	8	554.4	73300
72	9	701.9	91500
80	10	866.8	111700
96	12	1249.6	156200



Contact Us

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