



Mandals Proman is a flexible, hardwearing tubular sheath for mechanical protection of ships hawsers, ropes, cables and wires.

Mandals Proman is constructed as a sheath. We use polyester yarns for the woven inner reinforcement, and a 1,0 mm layer of thermoplastic polyurethane (TPU) as an outside cover. The extrusion process ensures excellent bonding between the TPU cover and the circular woven polyester. The lack of an inner liner ensures low friction when the Proman is pulled on the rope or hawser to be protected.

The combination of low internal friction coefficient, high flexibility and long durability, makes Mandals Proman the first choice in tubular protective sheathing.

Mandals Proman can be delivered in continuous lengths.

Mandals Proman has excellent abrasion, chemical, oil and UV resistance.

Mandals Proman

Inches	Inner Diameter	Wall Thickness	Weight/Meter
2	51,0 mm+4,0	1,6 mm +/-0,2	0,30 kg
2 1/2	65,0 mm+4,0	1,6 mm +/-0,2	0,32 kg
3	75,0 mm+4,0	1,6 mm +/-0,2	0,37 kg
3 1/2	90,0 mm+4,0	1,6 mm +/-0,2	0,43 kg
4	102,0 mm+4,0	1,7 mm +/-0,2	0,50 kg
4 1/2	114,0 mm+4,0	1,7 mm +/-0,2	0,60 kg
5	127,0 mm+4,0	1,7 mm +/-0,2	0,70 kg
6	152,0 mm+4,0	1,7 mm +/-0,2	0,90 kg