

**Protectorshell Articulated Pipe** has been developed to provide shallow water abrasion and impact protection for submarine cables.

Traditional clip-together **Protectorshell** convenience in a single-part design to minimize inventory and simplify underwater laying in poor visibility, etc. The clean, robust design you have come to expect from **Protectorshell** with added convenience and simplicity.



## PBL170/500/10SP

### Specifications

Segment Length - Overall	553mm
Effective Installed Length/segment pair	500mm
Minimum Internal Diameter	170mm - for cables up to 155mm Dia
Maximum External Diameter	320mm
Wall Thickness	10mm
Material	Ductile Iron to AS1831 / ISO 1083
Tensile Strength / Elongation	400MPa / 15%
Impact Resistance	≤7.5kJ
Minimum Bend Diameter	6.6m
Weight per Segment	31.0kg
Weight per installed metre (air)	62.0kg
Weight per installed metre (water)	53.2kg
Fasteners	M16x70 Bolts and M16 Nyloc Nuts - Material: Stainless Steel G316/A4 Recommended usage: 1 pair per 10 metres of installed pipe

#### Protectorshell SL

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