

N-PIPE

Articulated Pipes and accessory



IT International Telecom is a world leader in the shore end protection of fiber optic and power transmission cables.

With the latest iteration of the N-Pipe product line, IT Engineers have applied lessons-learned in the field to the development of this newest evolution in ductile iron products. Combining years of experience in the design, manufacture and installation of N-Pipe, IT has taken its patented N-Pipe technology to the next level.

IT N-Pipe is designed so that each segment consists of two (2) identical and completely interchangeable components. These pieces easily snap together prior to bolting, thus avoiding hard-to-install “A” and “B” side components. Not only has this breakthrough facilitated ease of shipping and storage of the N-Pipe, it has also greatly simplified installation by divers in low-visibility submarine environments and at shore ends.

N-Pipe combines time-tested quality and efficiency of installation for significant cost savings while setting the industry standard for shore end cable protection

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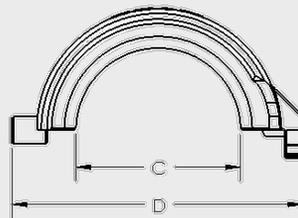
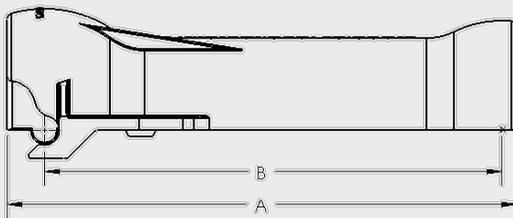
-Material: Ductile Cast Iron 65-45-12 (ASTM 536)
 -Pipe tensile strength: > 300 kN

-Abrasion resistance: Good
 -Corrosion resistance: Very good

SPECIFICATIONS

		N55	N110	N180
Overall length (A)		550mm (21.7in)	563mm (22.2in)	557mm (21.9in)
Effective installed length (B)		500mm (19.7in)	500mm (19.7in)	500mm (19.7in)
Internal diameter (C)		55mm (2.2in)	110mm (4.3in)	180mm (7.1in)
Maximum width (D)		155mm (6.1in)	237mm (9.3in)	317mm (12.5in)
Weight per part (air)		5kg (11lbs)	12kg (26lbs)	16kg (35lbs)
Weight per meter (air)		20kg (44lbs)	47kg (103lbs)	64kg (141lbs)
17" height shipping crate* weight		100 units/crate 25 m/crate 500 kg (1110lbs)	50 units/crate 12.5 m/crate 590 kg (1300lbs)	N/A
22" height shipping crate* weight		N/A	N/A	24 units/crate 6 m/crate 410 kg (900lbs)

* Crate common footprint is 1000mm x 1000mm



N180 model shown

The N55 coupling consists in the male end of a standard N55 articulated pipe with a flange on the end. The flange is a standard ASME 4" class 150. The thickness is 19mm (3/4in) and includes 8 holes to fit 5/8 in bolt / anchor. The flange OD is 228.6mm (9in). The total length of the unit is 120mm (4.7in) and weight 6.6kg (14.5lbs). Note that one coupling unit is made of two halves

