



Liquid Tight Conduits - Type AHCI

These conduits can handle very low and very high temperatures. This very robust conduit is designed for use in applications where mechanical, corrosion and thermal protection of cables are required. They are used on equipment and installations in coastal, offshore and other demanding locations where conditions can be extreme. Other areas of application include equipment, machines, control boxes and enclosures in the food, foundry, chemical and ceramics industries. These conduits are resistant to UV & sun light. PVC cover has good resistance against oil & grease

Technical Data

Colour	Black
Temperature Range	-45° C to +105° C, Intermittent upto +120° C
Protection Class	IP 67
Tensile Strength	Heavy (1000 N)
Impact Strength	Heavy (6 J)
Compression Ressitance	Heavy (1250 N)
Construction	Stainless steel AISI-304 square locked with cord packing and PVC cover from 5/16" to 1 1/4" Fully inter-locked profile from 1/4", 1 1/2 to 2"

Accessories

Image	Cat. no.	Description
	Metal Ferrules For Liquid Tight Conduits	These metal ferrules are used in the combination with clamping...
	P Type Mounting Clips	'P' type mounting clips are ideal elements for retaining /...

Approvals



Product Drawing

	Square locked profile with copper wire from 5/16" to 1 1/4"
	Fully inter-locked for size 1/4", 1 1/2" to 2"

Ordering Information

Cat. No.	Inner Diameter (mm)	Outer Diameter (mm)	Bending Radius R (mm)	Size	Standard Pack (meters)
AHCI-3/8"	12.6	17.8	60	3/8"	10
AHCI-1/2"	16.1	21.1	75	1/2"	10
AHCI-3/4"	21.1	26.4	90	3/4"	10
AHCI-1"	26.8	33.1	120	1"	10
AHCI-1 1/4"	35.4	41.8	135	1 1/4"	10
AHCI-1 1/2"	40.3	47.8	165	1 1/2"	15
AHCI-2"	51.6	59.9	210	2"	15