

PA 12 CONDUITS - EXTRA FLEXIBLE



DESCRIPTION:

For insulation, mechanical protection and environmental preservation of cables in dynamic applications. They offer high flexibility and an outstanding resistance to abrasion.



Type AC12S conduits are corrugated polyamide conduits specially designed for machine tool applications that require protection for cables. Type AC12S is a standard wall conduit.

SPECIFICATIONS:

- Construction: Corrugated conduit from Modified Polyamide (PA12), halogen free
- Flame Properties: Class V2, UL-94, self-extinguishing
- Resistant: Alcohol, greases, fuels, mineral spirits, weak bases, and weak acids
- Temperature Range: -50°C to +90°C (intermittent to 140°C)
- Color: Black
- Approvals: RoHS Compliant

APPLICATIONS:

- Machine building, switch cabinets, movable machinery
- Rail vehicles, commercial vehicles, construction machinery
- For high mechanical strength
- Robotic dress packages

CONDUIT: TYPE AC12S - STANDARD



Size NW	Item ID	Diameter mm (inches)		Bend Radius mm		Pkg. Meters
		Inside Diameter	Outside Diameter	Static	Dynamic	
7 (1/4")	AC12S-07B	6.5 (.256)	10.0 (0.394)	20	45	50
10 (5/16")	AC12S-10B	9.5 (.374)	13.0 (0.512)	30	60	50
12 (3/8")	AC12S-12B	12.0 (0.472)	15.8 (0.622)	35	75	50
17 (1/2")	AC12S-17B	16.4 (0.646)	21.2 (0.835)	40	90	50
23 (3/4")	AC12S-23B	22.6 (0.890)	28.5 (1.122)	55	115	50
29 (1")	AC12S-29B	28.1 (1.106)	34.5 (1.358)	70	140	50
36 (1-1/4")	AC12S-36B	36.0 (1.417)	42.5 (1.673)	80	200	30
48 (1-1/2")	AC12S-48B	47.5 (1.870)	54.5 (2.146)	100	230	30

