



Catalog Number: LTAES02G-K
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Liquid Tight Flexible Metallic Conduit, Aluminum Core with PVC Jacket, Conduit Size 1/2 Inch, Length 150 Meters/500 Feet, Working Temperature -20 to 80 Degrees C, Compliant to RoHS, Gray

Representative

Aluminum, CE compliant Liquid-tight Flexible Metallic Conduits provide excellent performance in corrosive environments and installations where lightweight wireway is required

- Full compliance to IEC 61386-1, -23 requirements, CE Certified
- Coordinated performance with Series 5200AL Fittings
- NEMA & IP ingress protection ratings aligned with industrial enclosures
- Smooth extruded jackets provide best performance with fittings
- Applications with light weight requirements, 40-50% lighter than typical steel construction
- Used extensively in applications where flexibility is necessary for motion, vibration and bending
- The inherent sunlight resistance of PVC enables this product to be used in outdoor applications
- Liquid-tight applications against water, oils, cutting fluids, mild acids
- For use in electrical circuits up to 1,000 volts

North American Specifications (UNSPSC)

UNSPSC	39131706 Electrical conduit
IGCC	5543 Liquid Tight Conduit
Type	Liquid Tight Flexible Metallic Conduit
Special Features	Designed to meet UL 360 ID/OD dimension requirements
Application	For Use in Corrosive Environments
Standard	RoHS
Trade Size	1/2 in
Outside Diameter	0.840 in
Inside Diameter	0.622 in
Length	500 ft ; 150 m
Radius	64 mm
Material	Aluminum
Finish	PVC Jacket
Color	Gray

European Specifications (ETIM)

ETIM	EC001179 Protective metallic hose
Nominal diameter	20mm
Nominal size in inch	1/2 inch
Outer diameter	21.34mm
Inner diameter	15.80mm
Material	Aluminium
Surface protection	Untreated
Sheathing material 1st coating	PVC
Operating temperature	-20/+80°C
Degree of protection (IP)	IP67
Weight	0.22kg/m



Colour	Grey
Bending strength	Flexible
Approved according to DIN EN 61386-23	Y
With approval according to UL	N
Approved according to CSA	N

Packaging

Outer Quantity	500
Outer Dimensions (inches)	20x24x24
Weight Uom	0.15 lbs. Each

Documents / Support Tools

Technical Drawing / Data Sheet	TDS000008
Technical Drawing / Data Sheet	TDS000117
Support/Tools	Available on Website
Catalog US	Available on Website