

## Flexible Conduit - Reduced Wall Aluminum

### Industry Standards

- UL 1
- NFPA-70/NEC (National Electric Code)
- NEC 250.118(5), 300.22(C), 348, 430.223, 501.10(B)(2), 604.6(a), 610.11, 620.21, 645.5
- C-UL Approved

### Construction

- Corrosion resistant, high strength, reduced wall aluminum strip that is helically wound in a square lock design

### Application

- For use in Commercial and Industrial applications
- For wiring in elevators, hoist ways and escalators per NEC 620.21
- For cranes and hoists per NEC 610.11(C)
- For exposed or concealed locations per NEC 348.10
- Suitable for use in manufacturing wiring systems per NEC 604.6(a)
- For containment of 1000 Volt or lower potential circuits (unless otherwise permitted)
- Suitable as an equipment grounding conductor per NEC 250.118(5)
- Meets grounding conductor requirements for flexible installations per NEC 348.60
- Limited on use of trade size 3/8" per NEC 348.20
- Suitable for use with listed connectors for Flexible Metal Conduit (FMC)
- Permitted in equipment grounding under conditions stated in NEC 250.118(6)

### Features

- Made with reduced wall, corrosion resistant reduced wall aluminum strip
- Weighs up to 1/3 less than reduced wall steel flex
- Temperature Rating: -50° C / 200° C Dry
- RoHS Compliant and Through Penetration rated



catalog number	size in inches	inside dia. min/max inches	outside dia. min/max inches	reel/coil length	weight lbs. per unit
AI AGF 038	3/8"	.375/.394	.56/.61	100'	7.20
AI AGF 050	1/2"	.625/.646	.86/.93	100'	9.10
AI AGF 050REEL	1/2"	.625/.646	.86/.93	500'	45.50
AI AGF 075	3/4"	.812/.837	1.045/1.107	100'	13.30
AI AGF 075REEL	3/4"	.812/.837	1.045/1.107	500'	67.50
AI AGF 100	1"	1.00/1.06	1.31/1.39	100'	20.20
AI AGF 100REEL	1"	1.00/1.08	1.31/1.39	500'	101.00
AI AGF 125	1-1/4"	1.25/1.32	1.55/1.64	50'	12.40
AI AGF 150	1-1/2"	1.50/1.80	1.85/1.95	50'	15.80
AI AGF 200	2"	2.00/2.10	2.35/2.46	25'	10.40
AI AGF 250	2 1/2"	2.80/3.10	2.86/3.08	25'	16.60
AI AGF 300	3"	3.31/3.61	3.36/3.58	25'	19.85
AI AGF 400	4"	4.34/4.59	4.36/4.56	25'	21.60