

## Flexible Conduit - Reduced Wall Steel

### 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, galvanized, reduced wall steel 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 galvanized steel strip
- Temperature Rating: -50° C / 350° 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 SGF 038	3/8"	.375/.394	.560/.612	100'	19
AI SGF 050	1/2"	.625/.648	.860/.922	100'	29
AI SGF 075	3/4"	.812/.836	1.045/1.105	100'	38
AI SGF 100	1"	1.00/1.05	1.30/1.38	100'	60
AI SGF 125	1-1/4"	1.25/1.32	1.55/1.64	50'	34
AI SGF 150	1-1/2"	1.50/1.575	1.85/1.95	50'	40
AI SGF 200	2"	2.00/2.085	2.35/2.45	25'	34
AI SGF 250	2 1/2"	2.50/2.55	2.86/3.06	25'	39
AI SGF 300	3"	3.00/3.06	3.36/3.56	25'	49
AI SGF 400	4"	4.00/4.08	4.36/4.56	25'	70