



ELLIOTT ELECTRIC SUPPLY

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3804 South Street
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UAG114 1-1/4" Ua Sealtite Conduit, Bonded UI 50'

Southwire Company

Catalog Number	UAG114
Manufacturer	Southwire Company
Description	Liquidtight Flexible Conduit, 1-1/4 In Trade Size, 1.63 to 1.66 In Conduit Outer Diameter, 1.38 to 1.41 In Conduit Inner Diameter, TITAN2(TM) UI Style, 50 FT Length, Jacket: Thermoplastic;Core: Steel, Hot Dip Galvanized, Gray, 8 In Bend Radius, -67 °F Operating Temperature, +176 °F Operating Temperature, 80 LB/100 FT
Weight per unit	1.0 (lbs/ft)
Product Category	Liquid Tight Conduit

Features

Applicable Standard	ANSI/NFPA-70, NEC 350
Bending Radius	8 INCH
Trade Size - Fractional	1 1/4 IN
Trade Size in inch	1 1/4 IN

Material, Color, and Finish

Core Material	STEEL
Jacket Color	GRAY
Jacket Material	Thermoplastic

Dimensions and Weight

Inner Diameter	1.38 TO 1.41 INCH
Length in ft	50 A
Outer Diameter	1.63 TO 1.66 INCH

Descriptions

Additional Information	ROHS COMPATIBLE
Commodity Description	LIQUID TIGHT CONDUIT
Description	1-1/4" UA SEALTITE CONDUIT, BONDED UL 50'

Manufacturer Information

GTIN	00032886042386
UPC	032886042386

Taxonomies, Classifications, and Categories

Category Description	Liquid Tight
Type	FLEXIBLE

Packaging

Carton	50
Standard Package	CARTON
Weight Per foot	1.03



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Uses, Certifications, and Standards

Approval	UL 360, CSA 22.2
Temperature Rating	-22 TO 176 DEG F, 140 DEG F (OIL)

Titan2™

Type UL



Liquidtight Flexible Metal Conduit Metal Conduit. UL Listed. CSA Listed. Oil-Resistant. Sunlight-Resistant. Temperature Rated -55°C to 80°

APPLICATIONS

Titan2™ Type UL Liquidtight Flexible Metal Conduit is suitable of the following installations:

- Used in industrial and commercial applications for conveyors, blowers, cranes, air conditioners, machine tooling and lubrication equipment
- Where the conditions of installation, operation, or maintenance require flexibility or protection from liquids, vapors, solids, or weather
- Applications requiring movement, crossover connections, or tight bends
- Exposed or concealed locations
- For flexible connections to swimming pool, spa, and hot tub motors per NEC 680.21(A)(3) & 680.42(A)(1)
- Electric signs and outline lighting supply and secondary-circuit per NEC 600.31 (1000 Volts or less) & NEC 600.32 (over 1000 Volts)
- Floating building feeders and services per NEC 553.7(B)
- Boatyards & Marinas in accordance with NEC 555.13
- Cranes & Hoists in accordance with NEC 610.11(C)
- For Elevator, Dumbwaiters, Escalators, Moving Walks, Wheel Chair Lifts & Stairway Chair Lifts in accordance with NEC 620.21 (where expressly permitted)
- Under raised floors in data processing areas per NEC 645.5(E)(2)
- Service entrance in lengths up to six feet per NEC 230.43(15)
- Permitted for equipment grounding under the conditions detailed in NEC 250.118(6)
- In Hazardous Locations - where necessary for flexible connections within hazardous locations in accordance with the following:
 - Class I, Div. 2 - NEC 501.10(B)(2) & 501.30(B)
 - Class II, Div. 1 - NEC 502.10(A)(2) & 502.30(B)
 - Class II, Div. 2 - NEC 502.10(B)(2)
 - Class III, Div. 1 - NEC 503.10(A)(3) & 503.30(B)
 - Class III, Div. 2 - NEC 503.10(B)



STANDARDS & REFERENCES

- NFPA-70 (National Electrical Code), Article 350 - Liquidtight Flexible Metal Conduit
- UL Listed to Underwriters Laboratories Standard ANSI / UL-360 for Liquidtight Flexible Steel Conduit
- CSA Listed to CSA 22.2 No.56 for use per the Canadian Electrical Code C22.1 Section 12-1300
- REACH/RoHS-2 (Chemical Limit) Compliant

The Power of Connections.™

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One Southwire Drive, Carrollton, GA 30119, USA



Southwire®

CONSTRUCTION

Titan2™ Type UL LFMC is manufactured with a spiral wound strip of heavy gauge, corrosion-resistant, hot-dipped galvanized steel. For 3/8" through 1-1/4" trade sizes, the core is constructed with a square locked steel strip with an integral copper-bonding strip enclosed within the steel convolutions. For 1-1/2" through 4" trade sizes, the core is constructed with a fully interlocked steel strip. A rugged, flame retardant, flexible PVC jacket is extruded over the steel core. The grey jacket resists oils, mild acids and exposure to sunlight. Also available in other colors subject to minimum runs.

TRADE SIZE (INCHES)	STOCK NUMBER			DIAMETER (INCHES)		WEIGHT (LBS/100')	APPROX. BEND DIAMETER (INCHES)
				INNER (MIN/MAX)	OUTER (MIN/MAX)		
GRAY JACKET							
3/8	55-09-29-03 (100')	55-09-29-01 (500')	55-09-29-05 (600')	.484/.504	.69/.71	24	4
1/2	55-08-26-03 (100')	55-08-26-05 (500')	55-08-26-02 (1000')	.622/.642	.82/.84	30	6.5
3/4	55-08-27-03 (100')	55-08-27-05 (500')	55-08-27-02 (1000')	.82/.84	1.03/1.05	38	8.5
1	55-09-30-03 (100')	55-09-30-04 (400')		1.041/1.066	1.29/1.315	60	13
1-1/4	55-09-33-05 (50')	55-09-33-01 (200')	55-09-33-03 (250')	1.38/1.41	1.63/1.66	80	16
1-1/2	55-09-32-05 (50')	55-09-32-01 (150')		1.575/1.6	1.865/1.90	113	18
2	55-09-31-05 (50')	55-09-31-01 (100')		2.02/2.045	2.34/2.375	149	22.25
2-1/2	55-10-64-01 (25')	55-10-64-03 (100')		2.48/2.505	2.84/2.875	197	29.25
3	55-10-65-04 (25')	55-10-65-03 (100')		3.07/3.1	3.46/3.5	265	35
3-1/2	55-10-66-04 (25')	55-10-66-03 (100')		3.5/3.54	3.96/4	300	40
4	55-10-67-04 (25')	55-10-67-02 (100')		4/4.04	4.46/4.5	310	48
BLACK JACKET							
3/8	55-29-08-04 (100')	55-29-08-05 (600')		.484/.504	.69/.71	24	4
1/2	55-28-94-04 (100')	55-28-94-21 (500')	55-28-91-01 (1000')	.622/.642	.82/.84	30	6.5
3/4	55-28-96-04 (100')	55-28-96-02 (500')	55-28-96-01 (1000')	.82/.84	1.03/1.05	38	8.5
1	55-28-98-01 (100')	55-28-98-04 (400')		1.041/1.066	1.29/1.315	60	13
1-1/4	55-29-04-02 (50')	55-29-04-21 (250')		1.38/1.41	1.63/1.66	80	16
1-1/2	55-31-62-03 (50')	55-31-62-01 (150')		1.575/1.6	1.865/1.99	113	18
2	55-29-06-02 (50')	55-29-06-01 (100')		2.02/2.045	2.34/2.375	149	22.25
3	55-37-37-04 (25')			3.07/3.1	3.46/3.5	265	35
4	55-29-05-01 (25')			4/4.04	4.46/4.5	310	48
* Minimum bend radius based on NEC Chapter 9, Table 2 (other bends) per Article 350.							

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FEATURES

- A protective thermoplastic outer jacket which seals out water, liquids, abrasives, alcohol, coolants, corrosive fumes and gases, dirt, grease, mineral acids, non-concentrated fixed alkalines, petroleum oils, salt air and spray, and weather
- Smooth metal interior for easy wiring pulling
- UV sunlight resistant jacket
- Rated for temperature range of -55°C to 80°C, 60°C Oil (-67°F to +176°F, 140°F Oil)
- Accepts standard metallic liquidtight fittings
- Rated for direct burial applications including concrete encasement

