



CATEGORY  
**ELECTRICAL  
 CONDUIT & WIRES**

AMMO ITEM #

**RSC**

Company: \_\_\_\_\_  
 Job: \_\_\_\_\_ #Item: \_\_\_\_\_  
 Notes: \_\_\_\_\_

# Rigid Steel Conduit (RSC)



## FEATURES

- **Hot Dipped Galvanized (Molten Zinc)**  
Provides anti-corrosion and anti-abrasion
- **Organic Interior Diameter**  
Coating promotes smooth surface for easy wire pulling
- **High grade mild strip steel**  
Provides durability and longevity
- **Maintains ductility**  
Providing easy bending, cutting and joining  
Threaded on both ends, one fitted with a coupling, one with a color-coded thread protector

## CERTIFICATION

UL listing E475529

AMMO#	TRADE SIZE		NOMINAL OD		WALL THICK.A		APROX 100FTAP			PKG		UPC
	US	METRIC	in	mm	in	mm	lb	kg	g	FT	PCS	
<b>1/2-10-RSC</b>	1/2	16	0.84	21.3	0.104	2.6	82	37.2	3.690	2500	250	837654107980
<b>3/4-10-RSC</b>	3/4	21	1.05	26.7	0.107	2.7	109	49.4	4.910	2000	200	837654107997
<b>1-10-RSC</b>	1	27	1.315	33.4	0.126	3.2	161	73	7.260	1250	125	837654108000
<b>1-1/4-10-RSC</b>	1-1/4	35	1.66	42.2	0.133	3.4	218	98.9	9.880	900	90	837654108017
<b>1-1/2-10-RSC</b>	1-1/2	41	1.9	48.3	0.138	3.5	263	119.3	11.830	800	80	837654108024
<b>2-10-RSC</b>	2	53	2.375	60.3	0.146	3.7	350	158.7	15.800	600	60	837654108031
<b>2-1/2-10-RSC</b>	2-1/2	63	2.875	73	0.193	4.9	559	253.5	25.100	370	37	837654108048
<b>3-10-RSC</b>	3	78	3.5	88.9	0.205	5.2	727	329.7	32.790	300	30	837654108055
<b>3-1/2-10-RSC</b>	3-1/2	91	4	101.6	0.215	5.5	880	399.1	39.830	250	25	837654108062
<b>4-10-RSC</b>	4	103	4.5	114.3	0.225	5.7	1030	467.1	46.730	200	20	837654108079
<b>5-10-RSC</b>	5	129	5.5	141.3	0.245	6.2	1400	634.9	63.010	150	15	837654108086
<b>6-10-RSC</b>	6	155	6.6	168.2	0.266	6.8	1840	834.5	82.140	100	10	837654108093

## ELECTRICAL CONDUIT AND WIRES



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## OUTSIDE DIAMETER TOLERANCES

• +/- .015 in. (.38mm) for trade sizes 1/2" (16mm) through 1 1/2" (41mm), +/-1% for trade size 2" (53mm) through 6" (155mm) Wall thickness tolerances: +/-12.5%

• NOTE: Length = 10 ft. (3.05m) with a tolerance of +/- .25" (6.35mm). The length of straight conduit, and the weight of finished zinc-coated conduit or bare threaded tube to be coated with an alternate corrosion-resistant coating with one coupling

**STANDARD OF TEST**  
 ANSI C80.1/UL6

**CERTIFICATE No**  
 CHP-240105-2

ITEM No	DESCRIPTION  Electrical raceway application as approved per under writers laboratories standard 6 an ANSI c80.1	STEEL QUALITY	COMPONENT OF CHEMICAL					CAPABILITY OF MACHINE		TEST OF TENSILE RmMIN (MPA)	TEST OF ZINC COATING MIN.20UM
			C	MN	P	S	SI	UPPER YIELD STRENGTH ReHMIN (MPA)	ELONGATION A MIN. %		
SIZE											
1	Rigid Steel Conduit 1/2"	Q195	0.06	0.30	0.02	0.02	0.06	300	25	380	pass
2	Rigid Steel Conduit 3/4"	Q195	0.06	0.30	0.02	0.02	0.06	300	25	380	pass
3	Rigid Steel Conduit 1"	Q195	0.06	0.30	0.02	0.02	0.06	300	25	380	pass
4	Rigid Steel Conduit 1-1/4"	Q195	0.06	0.30	0.02	0.02	0.06	300	25	380	pass
5	Rigid Steel Conduit 1-1/2"	Q195	0.06	0.30	0.02	0.02	0.06	300	25	380	pass
6	Rigid Steel Conduit 2"	Q195	0.06	0.30	0.02	0.02	0.06	300	25	380	pass
7	Rigid Steel Conduit 2-1/2"	Q235	0.13	0.40	0.02	0.02	0.06	330	25	440	pass
8	Rigid Steel Conduit 3"	Q235	0.13	0.40	0.02	0.02	0.06	330	25	440	pass
9	Rigid Steel Conduit 3-1/2"	Q235	0.13	0.40	0.02	0.02	0.06	330	25	440	pass
10	Rigid Steel Conduit 4"	Q235	0.13	0.40	0.02	0.02	0.06	330	25	440	pass
11	Rigid Steel Conduit 5"	Q235	0.13	0.40	0.02	0.02	0.06	330	25	440	pass
12	Rigid Steel Conduit 6"	Q235	0.13	0.40	0.02	0.02	0.06	330	25	440	pass

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