

CONDUCTORS: 24 AWG 19/36 Silver Plated Copper

INSULATION: Extruded PTFE
.015" Nom Wall
.055" Nom OD

JACKET: N/A

PERFORMANCE CHARACTERISTICS:

Voltage: 300 VAC
Temperature: -60°C to 200°C
UL1180 File Number E 67145
CSA: Class 1 Group A/B, 200°C AWM, FT1 Certificate Number LL 46216
VW-1
Reels Will be UL and CSA Tagged
UL and CSA Printed
RU AWM 200°C Style UL1180 WIRECRAFT Products CSA AWM I A/B 200°C 300V FT1
Inductance per Foot: 615nH
DCR per 1000 Feet: 23.64

INDUSTRY STANDARD REQUIREMENTS:

RoHS Compliant Per European
Union Directive 2011/65/EU
REACH Compliant

Part Number	Color
2419XUC1180B0	Black
2419XUC1180B1	Brown
2419XUC1180B2	Red
2419XUC1180B3	Orange
2419XUC1180B4	Yellow
2419XUC1180B5	Green
2419XUC1180B6	Blue
2419XUC1180B7	Violet
2419XUC1180B8	Gray
2419XUC1180B9	White

Quirk Wire Co. Inc.

An Employee Owned Company

Drawn By:
Bill Cacciapouti

Date:
3/3/2017

Revision:
C

Description: 24 19/36 SPC PTFE 200°C 300V

QWC P/N: 2419XUC1180B*



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Certificate Record

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Customer	Class	File Number
Quirk Wire Company, Inc. Wirecraft Products Division 146 East Main St, West Brookfield MA USA 01585	5851-01 WIRES- Appliance	046216_0_000

- [Certification Marks and Labels](#)
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TO THE REQUIREMENTS OF CSA STANDARD C22.2 NO 210.2-M90:

AWM Class	AWM Group	Temp Deg C	Max Volt	Jacket Type Min Avg Thick (mm)	Cover-ings Type Min Avg Thick (mm)	Insul. Type Min Avg Thick (mm)	Size Range AWG	Notes
• SINGLE CONDUCTOR:								
I	A/B	150/200/30, 150	250	-	-	32-10	PTFE/.25	1, 2, 3, 7
			300	-	-	32-10	PTFE/.25	
			600	-	-	32-10	PTFE/.30	
						9-4	PTFE/0.72	
I	A/B	150/180/30, 150	200	-	-	32-10	FEP/.25	1, 2, 3, 7
			300	-	-	32-10	FEP/.25	
			600	-	-	32-10	FEP/.30	
						9-4	FEP/0.72/	
I	A	450	300	-	-	22-12	mica.38/1, 2, 3 fibre-glass braid .18	
			600	-	-	22-12	mica.63/1, 2, 3 fibre-glass braid 18	

I	A/B	200/250 1KV	-	PTFE/ 0.25	28-10	PTFE/ 0.58	1, 2, 3, 4	
I	A/B	150	150/300	-	-	32-10	ETFE/ 0.25	1,3
		600	-	-	-	32-10	0.30	
						9-2	0.72	
						1-4/0	1.01	
I	A/B	200/250 30/150/300-	-	-	32-10	PFA/ 0.25	1,3, 7	
		600	-	-	32-10	0.30		
						9-2	0.72	
						1-4/0	1.01	
• MULTICONDUCTOR/ROUND CABLE:								
I	A/B	50/150/200/150	PTFE/	-	32-10	PTFE/	1, 2, 3,	
		250	.25	-		.25	7	
		300	PTFE/	-	32-10	PTFE/		
			.25	-		.25		
		600	PTFE/	-	32-10	PTFE/		
			.30	-		.30		
					9-4	PTFE/		
						.72		
I	A/B	30/150/180/150	FEP/.25-	-	32-10	FEP/	1, 2, 3,	
		200		-		PTFE	7	
						.25		
		300	FEP/	-	32-10	FEP/		
			.25	-		PTFE		
						.25		
		600	FEP/	-	32.10	FEP/		
			.30	-		PTFE		
						.25		
					9-4	FEP		
						PTFE/		
						/0.72		
I/II	A/B	200/250 30/150/300	PFA/	-	32-10	PFA/	1,2,3,5,6,7	
			0.25	-		0.25		
		600		-		0.30		

Notes:

1. In all colours including clear and transparent.
2. Optional shielding.
3. Flame rating: FT1.
4. Optional covering.
5. May use PTFE 200C/250C singles with PFA 200C/250C jacket.
6. May use FEP 200C singles with PFA 200C jacket.
7. Alternate conductor materials; alloys of nickel, chrome, aluminum, iron and copper.

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Appliance Wiring Material - Component

See General Information for Appliance Wiring Material - Component

QUIRK WIRE CO INC, DBA WIRECRAFT PRODUCTS

E67145

146 E. Main Street

WEST BROOKFIELD, MA 01585 USA

Table of Recognized Styles							
Single-conductor, thermoplastic insulation.							
<u>1164</u>	<u>1333</u>	<u>1644</u>	<u>1815</u>	<u>1887</u>	<u>10115</u>	<u>10181</u>	<u>11576</u>
<u>1180</u>	<u>1371</u>	<u>1659</u>	<u>1847</u>	<u>1900</u>	<u>10125</u>	<u>10182</u>	<u>11577</u>
<u>1198</u>	<u>1450</u>	<u>1684</u>	<u>1857</u>	<u>1901</u>	<u>10126</u>	<u>10192</u>	<u>11578</u>
<u>1199</u>	<u>1512</u>	<u>1709</u>	<u>1858</u>	<u>1929</u>	<u>10173</u>	<u>10362</u>	<u>11579</u>
<u>1212</u>	<u>1524</u>	<u>1710</u>	<u>1859</u>	<u>1930</u>	<u>10174</u>	<u>10580</u>	<u>11580</u>
<u>1213</u>	<u>1530</u>	<u>1716</u>	<u>1860</u>	<u>1969</u>	<u>10175</u>	<u>10581</u>	<u>11581</u>
<u>1226</u>	<u>1538</u>	<u>1723</u>	<u>1882</u>	<u>10030</u>	<u>10176</u>	<u>10582</u>	<u>11606</u>
<u>1227</u>	<u>1577</u>	<u>1726</u>	<u>1883</u>	<u>10086</u>	<u>10177</u>	<u>10583</u>	
<u>1330</u>	<u>1584</u>	<u>1727</u>	<u>1884</u>	<u>10094</u>	<u>10178</u>	<u>10590</u>	
<u>1331</u>	<u>1591</u>	<u>1744</u>	<u>1885</u>	<u>10109</u>	<u>10179</u>	<u>10591</u>	
<u>1332</u>	<u>1636</u>	<u>1746</u>	<u>1886</u>	<u>10114</u>	<u>10180</u>	<u>11251</u>	
Multiple-conductor, thermoplastic insulation.							
<u>20223</u>	<u>20225</u>	<u>20711</u>	<u>20713</u>	<u>20715</u>	<u>20717</u>	<u>20719</u>	<u>21174</u>
<u>20224</u>	<u>20710</u>	<u>20712</u>	<u>20714</u>	<u>20716</u>	<u>20718</u>	<u>20813</u>	<u>21175</u>
Single and multiple-conductor specialty items.							
<u>5096</u>	<u>5138</u>	<u>5181</u>	<u>5215</u>	<u>5227</u>	<u>5251</u>	<u>5281</u>	<u>5476</u>
<u>5107</u>	<u>5144</u>	<u>5191</u>	<u>5222</u>	<u>5228</u>	<u>5253</u>	<u>5293</u>	<u>5536</u>
<u>5108</u>	<u>5158</u>	<u>5192</u>	<u>5223</u>	<u>5229</u>	<u>5254</u>	<u>5350</u>	

5127	5163	5196	5225	5230	5256	5359	
5128	5180	5214	5226	5231	5257	5360	

Marking: Company name, voltage rating, temperature rating, conductor size, conductor material if other than copper, and use.

Last Updated on 2016-01-09

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Appliance Wiring Material Certified for Canada - Component

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QUIRK WIRE CO INC, DBA WIRECRAFT PRODUCTS

E67145

146 E. Main Street

WEST BROOKFIELD, MA 01585 USA

Appliance wiring material, AWM AWM Class I, Group A, B or A/B.

Marking: Company name and the Recognized Component Mark for Canada,  on the attached tag, the reel or the smallest unit container in which the product is packaged.

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APPLIANCE WIRING MATERIAL

Subj.758 Section 1 Page 1180

Issued:1959-05-01

Revised:2013-11-20

Style 1180 Single conductor with extruded insulation

Rating	200 deg C, 300 Vac, Horizontal flame. Optional - 80 deg C Oil, Gasoline Resistant.
Conductor	32 AWG - 10 AWG, solid or stranded.
Insulation	Extruded PTFE, 13 mils minimum average thickness, 12 mils minimum thickness at any point.
Standard	Appliance Wiring Material UL 758.
Marking	General. The tag may indicate the following: 600 volts peak -- For Electronic Use Only.
Use	Internal Wiring.

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