

CONDUCTORS: 22 AWG 19/34 Silver Plated Copper

INSULATION: Extruded PTFE
.015" Nom Wall
.062 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: 601nH
DCR per 1000 Feet: 14.77

INDUSTRY STANDARD REQUIREMENTS:

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

Part Number	Color
2219XUC1180B0	Black
2219XUC1180B1	Brown
2219XUC1180B2	Red
2219XUC1180B3	Orange
2219XUC1180B4	Yellow
2219XUC1180B5	Green
2219XUC1180B6	Blue
2219XUC1180B7	Violet
2219XUC1180B8	Gray
2219XUC1180B9	White



An Employee Owned Company

Drawn By:
Bill Cacciapouti

Date:
3/3/2017

Revision:
C

Description: 22 19/34 SPC PTFE 200°C 300V

QWC P/N: 2219XUC1180B*



[Careers](#) [News](#) [Contact Us](#)

[Home](#) » [Services](#) » [Testing & Certification](#) » [Certified Product Listing ...](#)

Certificate Record

Quick Links

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](#)
- [Certified Product Listing](#)
- [CSA Communities](#)
- [Request a Quote](#)

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, 250	150	-	-	PTFE/.25	32-10	1, 2, 3, 7
			300	-	-	PTFE/.25	32-10	
			600	-	-	PTFE/.30	32-10	
						PTFE/0.72	9-4	
I	A/B	150/180/30, 200	150	-	-	FEP/.25	32-10	1, 2, 3, 7
			300	-	-	FEP/.25	32-10	
			600	-	-	FEP/.30	32-10	
						FEP/0.72/	9-4	
I	A	450	300	-	-	mica.38/	22-12	1, 2, 3
						fibreglass braid .18		
			600	-	-	mica.63/	22-12	1, 2, 3
						fibreglass 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.

/ey

[CSA Group
Web Sites](#)

[CSA Group
Sites](#)

[Information
For...](#)

[Corporate](#)

[About CSA Group](#)

CSA Group Bayern GmbH	CSA Communities	Manufacture rs	Privacy Terms of Use	CSA Group is an independent, not-for-profit member-based association dedicated to advancing safety, sustainability and social good. We are an internationally-accredited standards development and testing & certification organization. We also provide consumer product evaluation and education & training services. Our broad range of knowledge and expertise includes: industrial equipment, plumbing & construction, electro-medical & healthcare, appliances & gas, alternative energy, lighting and sustainability. The CSA mark appears on billions of
CSA Group Seattle	CSA Registries	Members	Service Agreement	
CSA Group Testing UK Ltd.	OHS Portal Public Review	Government, Regulators & AHJs	CSA Product Certification Scheme	
CSA Group UK – Transportati on ICM GmbH	Shop CSA CSA Group Videos	Retailers / Importers / Exporters Consumers	Evidence of Insurance OHS Corporate Policy Environment Corporate Policy	

products around the world.



AVLV2.E67145 Appliance Wiring Material - Component

Page Bottom

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

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

© 2017 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2017 UL LLC".



AVLV8.E67145 Appliance Wiring Material Certified for Canada - Component

[Page Bottom](#)

Appliance Wiring Material Certified for Canada - Component


[See General Information for Appliance Wiring Material Certified for Canada - Component](#)

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.

[Last Updated](#) on 2015-05-01

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

© 2017 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2017 UL LLC".



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.

UL and the UL Logo are trademarks of UL LLC © 2017