

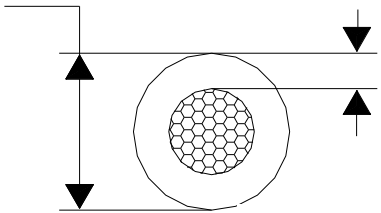
<i>DATE</i>	<i>REV</i>	<i>ECN</i>	<i>DESCRIPTION</i>
4/14/2011	A		SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18509-

**Description:** 18 16/30 TC AWM 3132 AWM I A/B Braidless  
Silicone

**DIAMETER:** 0.078  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 16/30 TC LHL

**Style:** UL: AWM 3132 CSA: AWM I A/B

**Insulation:** SILICONE

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3132 150C 300V - - - 156205 CSA AWM I A/B 150C 300V FT2

**Voltage:** 300V

**Temperature:** 150C

**Notes:**

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**Customer Approval:**

**Customer Part Nbr(s):** \_\_\_\_\_

**Approved By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **Company Name:** \_\_\_\_\_



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Phone: 1-574-546-5115

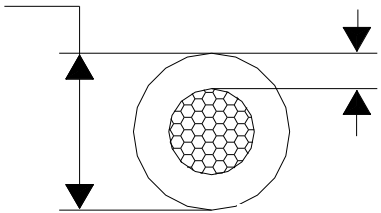


DATE	REV	ECN	DESCRIPTION
11/12/2015	B		Updated temperature ratings.

**PRODUCT SPECIFICATION**

**Parent Number:** F25008-

**Description:** 250 MCM 19x129/30 TC MTW or THHW or AWM 1284/1339 or 10269 CT USE AWM I A/B **DIAMETER:** 0.835 **TOLERANCE ± :** 0.020



**MIN AVG WALL:** 0.095

**MINIMUM WALL:** 0.086

**Stranding:** 19x129/30 TC Unilay

**Style:** UL: MTW or THHW or AWM 1284/1339 or 10269 CT USE  
CSA: AWM I A/B

**Insulation:** PVC

**Print Legend:** 250 MCM (127mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW OR THHW FOR CT USE OR AWM 1284/1339 600V OR 10269 1000V OIL RES I SUN RES VW-1 -- 156205 CSA AWM I A/B 105C 600V FT1

**Voltage:** 600V, AWM 10269 = 1,000V

**Temperature:** MTW: DRY=90C WET=60C, THHW: DRY=90C WET=75C, 1284=105C, 1339: DRY=90C WET=60C, 10269=105C, AWM I A/B=105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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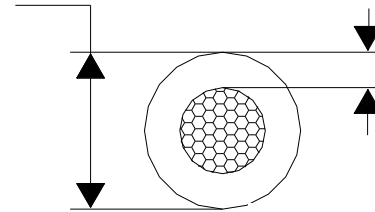
DATE	REV	ECN	DESCRIPTION
7/26/2016	C		ADDED NOMINAL CONDUCTOR OD.

**PRODUCT SPECIFICATION**

**Parent Number:** F18122-

**Description:** 18 Solid TC AWM 1569 or 1007 TR-64 or AWM I A/B OD 0.081"

**DIAMETER:** 0.081  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** Solid TC

**Style:** UL: AWM 1569 or 1007 CSA: TR-64 or AWM I A/B OD 0.081"

**Insulation:** PVC

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1007 80C 300V VW-1 --- 156205 CSA TR-64 90C FT1 OR AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1007=80C, TR64=90C, AWM I A/B=105C

**Notes:** 1. Nominal Conductor OD = 0.0406"

This product complies with European Directive 2011/65/EU (RoHS 2)

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DATE	REV	ECN	DESCRIPTION
8/3/2009	A	20977	SPECIFICATION UPDATED

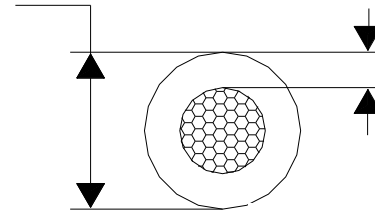
**PRODUCT SPECIFICATION**

**Parent Number:** F18503-

**Description:** 18 19/.0092 TC MTW or AWM  
1011/1015/1230/1335/1345 or 1032 TEW or  
AWM I A/B

**DIAMETER:** 0.106

**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030

**MINIMUM WALL:** 0.027

**Stranding:** 19/.0092 TC LHL

**Style:** UL: MTW or AWM 1011/1015/1230/1335/1345 or 1032 CSA:  
TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW OR AWM 1011/1015/1230/1335/1345 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1011=80C, 1015=105C, 1032=90C, 1230: DRY=105C WET=60C, MTW/1335: DRY=90C WET=60C, 1345: DRY=105C WET=75C, TEW/AWM I A/B=105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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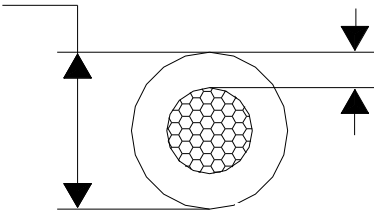
DATE	REV	ECN	DESCRIPTION
9/27/2005	A	9919	SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F06039-

**Description:** 6 7x12/25 TC AWM 3340 or 3374 CL 1503 or AWM I A/B

**DIAMETER:** 0.339  
**TOLERANCE ± :** 0.010



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

**Stranding:** 7x12/25 TC Unilay

**Style:** UL: AWM 3340 or 3374 CSA: CL 1503 or AWM I A/B

**Insulation:** POE (EPDM)

**Print Legend:** 6 AWG (13.30mm2) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3340 OR 3374 125C (FLEX)/150C(NO-FLEX) 600V EP -- 156205 CSA CL1503 150C 600V OR AWM I A/B 125C 600V FT2 -- MADE IN USA

**Voltage:** 600V

**Temperature:** 125C (FLEX)/150C (NO-FLEX)

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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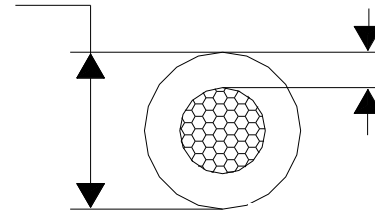
DATE	REV	ECN	DESCRIPTION
4/10/2007	B	16655	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F12046-

**Description:** 12 65/30 TC AWM 3070 SEWF-2 Braided Silicone

**DIAMETER:** 0.155  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 65/30 TC LHL

**Style:** UL: AWM 3070 CSA: SEWF-2

**Insulation:** Braided Silicone

**Print Legend:** 12 AWG (3.31mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3070 150C 600V --- 156205 CSA SEWF-2 150C 600V FT1

**Voltage:** 600V

**Temperature:** 150C

- Notes:**
1. Diameter shown is OD under braid.
  2. The OD over the braid is approximately 0.166".

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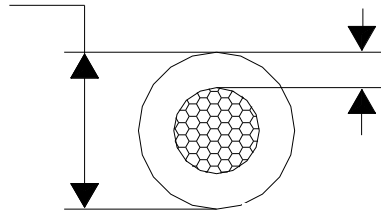
DATE	REV	ECN	DESCRIPTION
7/6/2010	E	#13004	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F14053-

**Description:** 14 41/30 TC AWM 3070/3231 SFF-2 SEWF-2 Braided Silicone

**DIAMETER:** 0.132  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 41/30 TC LHL

**Style:** UL: AWM 3070/3231 SFF-2 CSA: SEWF-2

**Insulation:** Braided Silicone

**Print Legend:** 14 AWG (2.08mm<sup>2</sup>) E30071 (PLANT ID CODE) (UL) TYPE SFF-2 OR AWM 3070/3231 150C 600V - - - 156205 CSA SEWF-2 150C 600V FT1

**Voltage:** 600V

**Temperature:** 150C

- Notes:**
1. Diameter shown is OD under braid.
  2. OD over the braid is approximately 0.143"

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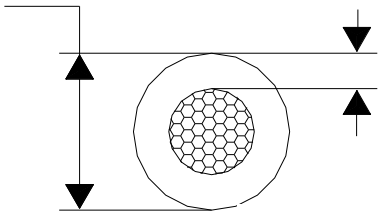
DATE	REV	ECN	DESCRIPTION
7/6/2010	D	#13004	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F16057-

**Description:** 16 26/30 TC AWM 3070/3231 SFF-2 SEWF-2 Braided Silicone

**DIAMETER:** .0117  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 26/30 TC LHL

**Style:** UL: AWM 3070/3231 SFF-2 CSA: SEWF-2

**Insulation:** Braided Silicone

**Print Legend:** 16 AWG (1.31mm<sup>2</sup>) E30071 (PLANT ID CODE) (UL) TYPE SFF-2 OR AWM 3070/3231 150C 600V - - - 156205 CSA SEWF-2 150C 600V FT1

**Voltage:** 600V

**Temperature:** 150C

- Notes:**
1. Diameter shown is OD under braid.
  2. The OD over the braid is approximately 0.126".

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**Approved By:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
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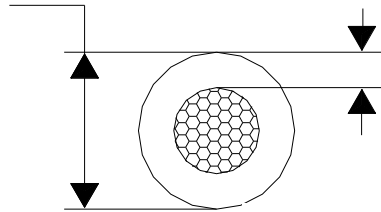
DATE	REV	ECN	DESCRIPTION
7/6/2010	D	#13004	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18098-

**Description:** 18 16/30 TC AWM 3070/3231 SFF-2 SEWF-2  
Braided Silicone

**DIAMETER:** 0.106  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 16/30 TC LHL

**Style:** UL: AWM 3070/3231 or SFF-2 CSA: SEWF-2

**Insulation:** Braided Silicone

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E30071 (PLANT ID CODE) (UL) TYPE SFF-2 OR AWM 3070/3231 150C 600V - -156205 CSA SEWF-2 150C 600V FT1

**Voltage:** 600V

**Temperature:** 150C

- Notes:**
1. Diameter shown is OD under braid.
  1. The OD over the braid is approximately 0.116".

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DATE	REV	ECN	DESCRIPTION
10/25/2005	A	10206	SPECIFICATION CREATED

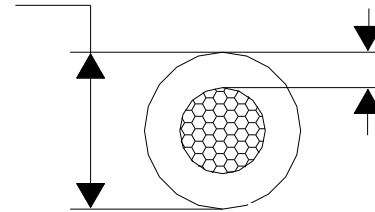
**PRODUCT SPECIFICATION**

**Parent Number:** F1T046-

**Description:** 1/0 7x19/21 TC THHW FOR CT USE OR  
 MTW OR BC-5W2 OR AWM 1232/1284/1338  
 OR 10269 TEW or AWM I A/B SGT per J1127

**DIAMETER:** 0.561

**TOLERANCE ± :** 0.010



**MIN AVG WALL:** 0.080

**MINIMUM WALL:** 0.072

**Stranding:** 7x19/21 TC LHL

**Style:** UL: THHW FOR CT USE or MTW or BC-5W2 or AWM  
 1232/1284/1338 or 10269 CSA: TEW or AWM I A/B SAE:  
 SGT per J1127

**Insulation:** PVC

**Print Legend:** 1/0 AWG (53.5mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW FOR CT USE OR AWM 1232/1284/1338 600V OR 10269  
 1000V OIL RES I SUN RES VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1 -- SAE J1127 TYPE SGT

**Voltage:** 600V or AWM 10269 = 1,000V

**Temperature:** 105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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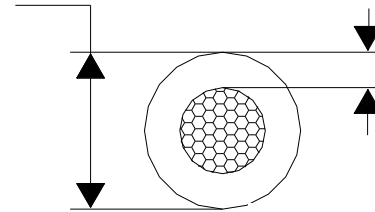
DATE	REV	ECN	DESCRIPTION
4/10/2007	C	16655	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F16055-

**Description:** 16 7/.0192 TC AWM 3122 SEW-1 Braided Silicone

**DIAMETER:** 0.093  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 7/.0192 TC LHL

**Style:** UL: AWM 3122 CSA: SEW-1

**Insulation:** Braided Silicone

**Print Legend:** 16 AWG (1.31mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3122 200C 300V -- 156205 CSA SEW-1 200C 300V FT1

**Voltage:** 300V

**Temperature:** 200C

- Notes:**
1. Diameter shown is OD under braid.
  2. The OD over the braid is approximately 0.103".

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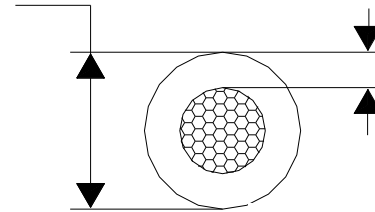
DATE	REV	ECN	DESCRIPTION
11/9/2016	B		Removed reference to TR-64.

**PRODUCT SPECIFICATION**

**Parent Number:** F12036-

**Description:** 12 19/.0185 TC AWM 1569 or 1581 or AWM I A/B

**DIAMETER:** 0.123  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 19/.0185 TC LHL

**Style:** UL: AWM 1569 or 1581 CSA: AWM I A/B

**Insulation:** PVC

**Print Legend:** 12 AWG (3.31mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1581 80C 300V VW-1 --- 156205 CSA AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1581=80C, AWM I A/B=105C

**Notes:**

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DATE	REV	ECN	DESCRIPTION
6/6/2012	C	#13896	ADD AWM 3278

**PRODUCT SPECIFICATION**

**Parent Number:** F08024-

**Description:** 8 7x19/29 TC AWM 3127/3278 SEWF-2 Braided Silicone

**Stranding:** 7x19/29 TC Unilay

**Style:** UL: AWM 3127/3278 CSA: SEWF-2

**Insulation:** Braided Silicone

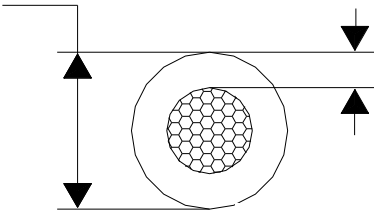
**Print Legend:** 8 AWG (8.367mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3127/3278 150C 600V -- 156205 CSA SEWF-2 150C 600V FT1

**Voltage:** 600V

**Temperature:** 150C

- Notes:**
1. Diameter shown is OD under braid.
  2. The OD over the braid is approximately 0.312".

**DIAMETER:** 0.287  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

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**Approved By:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Title:** \_\_\_\_\_ **Company Name:** \_\_\_\_\_



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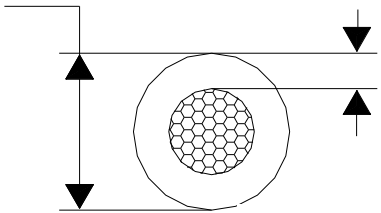
DATE	REV	ECN	DESCRIPTION
5/18/2016	E		Updated temperature and voltage info.

**PRODUCT SPECIFICATION**

**Parent Number:** F06005-

**Description:** 6 7x19/27 BC MTW OR THHW OR BC-5W2  
OR AWM 1232/1283/1346 600V OR 10269  
TEW or AWM I A/B SGT per J1127

**DIAMETER:** 0.324  
**TOLERANCE ± :** 0.005



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

**Stranding:** 7X19/27 BC LHL

**Style:** UL: MTW or THHW or BC-5W2 or AWM 1232/1283/1346 or 10269 CSA: TEW or AWM I A/B SAE: SGT per J1127

**Insulation:** PVC

**Print Legend:** 6 AWG (13.3mm2) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1232/1283/1346 600V OR 10269 1000V OIL RES I SUN RES VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1 -- SAE J1127 TYPE SGT

**Voltage:** 600V, AWM 10269 = 1,000V, SGT= 60V DC & 25V AC

**Temperature:** BC-5W2 & 1346: DRY=105C WET=75C, MTW: DRY=90C WET=60C, THHW: DRY=90C WET=75C, 1232: DRY=105C WET=60C, 1283 & TEW & AWM I A/B=105C, SGT=105C

**Notes:** 1. This product meets cold bend requirements at -40C per UL758 test method.

This product complies with European Directive 2011/65/EU (RoHS 2)

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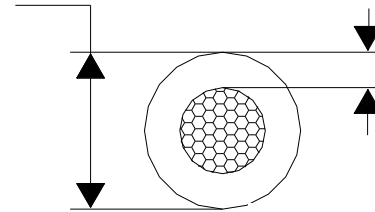
DATE	REV	ECN	DESCRIPTION
12/9/2015	B		ADDED MIN TEMP RATING.

**PRODUCT SPECIFICATION**

**Parent Number:** F20056-

**Description:** 20 10/30 TC AWM 1569 or 1007 TR-64 or AWM I A/B OD 0.070"

**DIAMETER:** 0.070  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 10/30 TC LHL

**Style:** UL: AWM 1569 or 1007 CSA: TR-64 or AWM I A/B

**Insulation:** PVC

**Print Legend:** 20 AWG (0.519mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1007 80C 300V VW-1 --- 156205 CSA TR-64 90C FT1 OR AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1007=80C, TR64=90C

**Notes:** 1. Min Temp Rating: -15C

This product complies with European Directive 2011/65/EU (RoHS 2)

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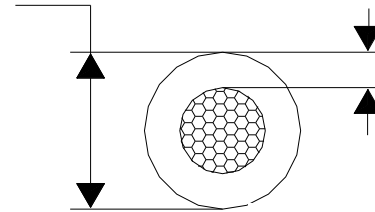
DATE	REV	ECN	DESCRIPTION
7/2/2010	F	#13004	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F12047-

**Description:** 12 19/.0185 TC AWM 3074/3231 SEW-2  
Braided Silicone

**DIAMETER:** 0.155  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 19/.0185 TC LHL

**Style:** UL: AWM 3074/3231 CSA: SEW-2

**Insulation:** Braided Silicone

**Print Legend:** 12 AWG (3.31mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3074/3231 200C 600V --156205 CSA SEW-2 200C 600V FT1

**Voltage:** 600V

**Temperature:** 200C

- Notes:**
1. Diameter shown is OD under braid.
  2. The OD over the braid is approximately 0.166".

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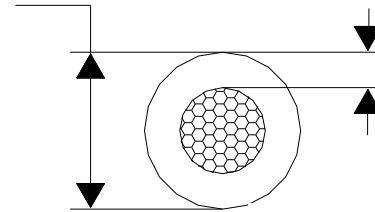
DATE	REV	ECN	DESCRIPTION
7/29/2009	D	20977	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F08025-

**Description:** 8 54/25 TC AWM 3125 SEW-2 Braided Silicone

**DIAMETER:** 0.275  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

**Stranding:** 54/25 TC LHL

**Style:** UL: AWM 3125 CSA: SEW-2

**Insulation:** Braided Silicone

**Print Legend:** 8 AWG (8.367mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3125 200C 600V --- 156205 CSA SEW-2 200C 600V FT1

**Voltage:** 600V

**Temperature:** 200C

- Notes:**
1. Diameter shown is OD under braid.
  2. The OD over the braid is approximately 0.300".

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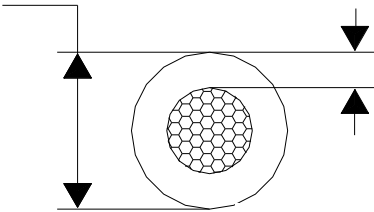
DATE	REV	ECN	DESCRIPTION
8/24/2016	E		Corrected conductor description.

**PRODUCT SPECIFICATION**

**Parent Number:** F06078-

**Description:** 6 7x19/27 TC AWM 3196 UL SIS CL 1251  
AWM I A/B

**DIAMETER:** 0.338  
**TOLERANCE ± :** 0.010



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

**Stranding:** 7x19/27 TC LHL

**Style:** UL: SIS or AWM 3196 or 3237 CSA: CL1251 or AWM I A/B

**Insulation:** XLPE

**Print Legend:** 6 AWG (13.30mm<sup>2</sup>) E30117 (PLANT ID CODE) (UL) SIS 90C 600V AND AWM 3196 125C 600V OR 3237 105C 1000V -- 156205 CSA CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- MADE IN USA

**Voltage:** 600V, AWM 3237 = 1,000V

**Temperature:** 125C, SIS = 90C, 3237 = 105C

**Notes:** 1. Min Temp = -40C

This product complies with European Directive 2011/65/EU (RoHS 2)

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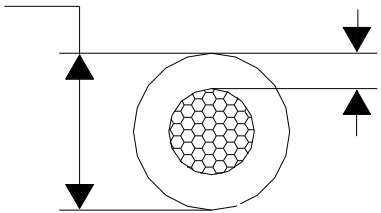
DATE	REV	ECN	DESCRIPTION
1/31/2006	B	11154	UPDATED DESCRIPTION

**PRODUCT SPECIFICATION**

**Parent Number:** F16072-

**Description:** 16 26/30 TC AWM 1569 or 1007 TR-64 or AWM I A/B OD 0.094"

**DIAMETER:** 0.094  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 26/30 TC LHL

**Style:** UL: AWM 1569 OR 1007 CSA: TR-64 or AWM I A/B

**Insulation:** PVC

**Print Legend:** 16 AWG (1.31mm2) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1007 80C 300V VW-1 -- 156205 CSA TR-64 90C FT1 OR AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1007=80C, TR64=90C, AWM I A/B=105C

- Notes:**
1. UL Min Temp: -10C
  2. CSA Min Temp: -15C

This product complies with European Directive 2011/65/EU (RoHS 2)

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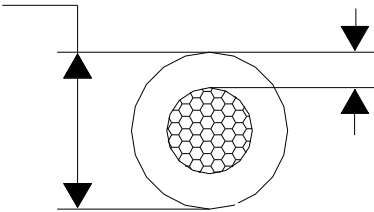
DATE	REV	ECN	DESCRIPTION
10/31/2016	C		Updated voltage ratings.

**PRODUCT SPECIFICATION**

**Parent Number:** F04033-

**Description:** 4 7x19/25 TC AWM 3556 or 3321 CL 1503 or AWM I A/B

**DIAMETER:** 0.392  
**TOLERANCE ± :** 0.010



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

**Stranding:** 7x19/25 TC LHL

**Style:** UL: AWM 3556 or 3321 CSA: CL 1503 or AWM I A/B

**Insulation:** POE

**Print Legend:** 4 AWG (21.15mm2) E57498 (PLANT ID CODE) (AWM LOGO) AWM STYLE 3556 OR 3321 150C 600V EP -- 156205 CSA CL1503 150C 600V OR AWM I A/B 150C 600V FT2 -- MADE IN USA

**Voltage:** UL: 600V AC or 750V DC CSA: 600V

**Temperature:** 150C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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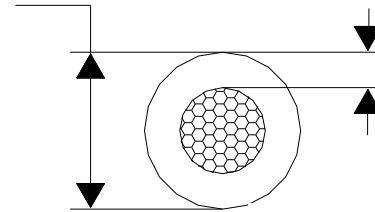
<i>DATE</i>	<i>REV</i>	<i>ECN</i>	<i>DESCRIPTION</i>
7/27/2004	A	5809	SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F22020-

**Description:** 22 Solid TC - AWM 1569 or 1007 TR-64 or AWM I A/B

**DIAMETER:** 0.062  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 22 Solid TC

**Style:** UL: AWM 1569 or 1007 CSA: TR-64 or AWM I A/B

**Insulation:** PVC

**Print Legend:** 22 AWG (0.324mm2) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1007 80C 300V VW-1 --- 156205 CSA TR-64 90C FT1 OR AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1007=80C, TR64=90C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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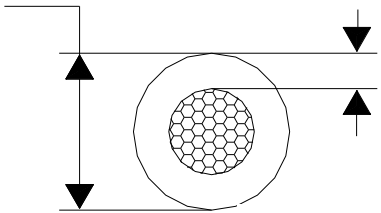
DATE	REV	ECN	DESCRIPTION
10/18/2016	C		Updated temp rating info.

**PRODUCT SPECIFICATION**

**Parent Number:** F18062-

**Description:** 18 16/30 BC MTW or AWM 1056/1275 or TEW or AWM I A/B OD 0.168"

**DIAMETER:** 0.168  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

**Stranding:** 16/30 BC LHL

**Style:** UL: MTW or AWM 1056/1275 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 18 AWG (0.823mm2) E51583 (PLANT ID CODE) (UL) MTW FLEXING OR AWM STYLE 1056/1275 600V VW-1 -- 156205 CSA TYPE TEW 105C 600V FT1 OR AWM I A/B105C 600V FT1

**Voltage:** 600V

**Temperature:** MTW: DRY=90C WET=60C, 1056=105C, 1275: DRY=105C WET=60C, TEW/AWM I A/B=105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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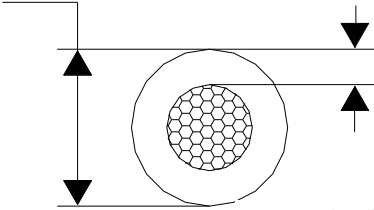
DATE	REV	ECN	DESCRIPTION
10/30/2015	B		SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18110-

**Description:** 18 Solid BC AWM 1015/1230/1011/1335/1032  
TEW or AWM I A/B OD 0.106"

**DIAMETER:** 0.106  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 18 SOLID BC

**Style:** UL: AWM 1015/1230/1011/1335/1032 CSA: TEW or AWM I  
A/B

**Insulation:** PVC

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1015/1230 105C or 1011 80C or 1335 90C 600V or 1032 90C 1000V VW-1 --- 156205 CSA TEW 105C 600V FT1 or AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1015=105C, 1230: DRY=105C WET=60C, 1011=80C, 1032=90C, 1335: DRY=90C WET=60C, TEW/AWM I A/B=105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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DATE	REV	ECN	DESCRIPTION
9/14/2015	F		Updated low temp info.

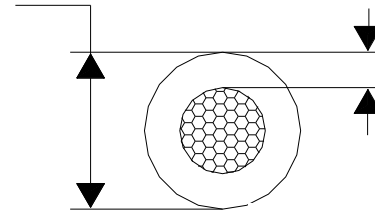
**PRODUCT SPECIFICATION**

**Parent Number:** F16032-

**Description:** 16 26/30 TC MTW or BC-5W2 or AWM  
1011/1015/1230/1335 or 1032 TEW or AWM I  
A/B

**DIAMETER:** 0.117

**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030

**MINIMUM WALL:** 0.027

**Stranding:** 26/30 TC LHL

**Style:** UL: MTW or BC-5W2 or AWM 1011/1015/1230/1335 or 1032  
CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 16 AWG (1.31mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW FLEXING OR AWM 1011/1015/1230/1335 600V OR 1032 1000V  
MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1011=80C, 1015=105C, 1032=90C, 1230: DRY=105C WET=60C, MTW/1335: DRY=90C WET=60C, BC-5W2: DRY=105C  
WET=75C, TEW/AWM I A/B=105C

- Notes:**
1. Min Temp: -40C
  2. CSA TEW: -30C

This product complies with European Directive 2011/65/EU (RoHS 2)

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**Approved By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **Company Name:** \_\_\_\_\_



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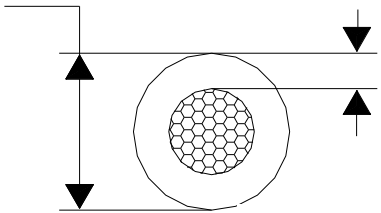
DATE	REV	ECN	DESCRIPTION
3/13/2018	C		Added CL1251 to style section.

**PRODUCT SPECIFICATION**

**Parent Number:** F10016-

**Description:** 10 105/30 BC AWM 3173 or 3237 UL SIS CL  
1251 AWM I A/B

**DIAMETER:** 0.170  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 105/30 BC LHL

**Style:** UL: AWM 3173 or 3237 UL SIS CSA: CL1251 or AWM I A/B

**Insulation:** XLPE

**Print Legend:** 10 AWG (5.261mm<sup>2</sup>) E30117 (PLANT ID CODE) (UL) SIS 600V AND AWM 3173 600V OR 3237 1000V -- 156205 CSA CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- MADE IN USA

**Voltage:** UL: SIS/AWM 3173 = 600V, AWM 3237 = 1000V CSA: AWM/CL1251 = 600V

**Temperature:** UL: AWM 3237 = 105C, AWM 3173 = 125C CSA: CL1251 or AWM = 125C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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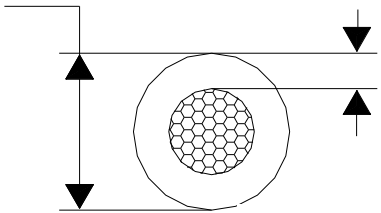
DATE	REV	ECN	DESCRIPTION
8/1/2005	E	9413	UPDATED TEMP DESCRIPTION

**PRODUCT SPECIFICATION**

**Parent Number:** F10010-

**Description:** 10 105/30 BC MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 TEW or AWM I A/B

**DIAMETER:** 0.175  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 105/30 BC LHL

**Style:** UL: MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 10 AWG (5.27mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW FLEXING OR THHW OR AWM 1011/1015/1230/1335 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1011=80C, 1015=105C, 1032=90C, THHW: DRY=90C WET=75C, 1230: DRY=105C WET=60C, MTW/1335: DRY=90C WET=60C, BC-5W2: DRY=105C WET=75C, TEW/AWM I A/B=105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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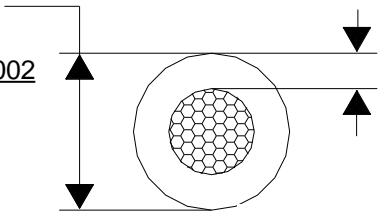
DATE	REV	ECN	DESCRIPTION
10/13/2015	H		Updated low temp info.

**PRODUCT SPECIFICATION**

**Parent Number:** F14067-

**Description:** 14 41/30 TC MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 TEW or AWM I A/B OD 0.140"

**DIAMETER:** 0.140  
**TOLERANCE ± :** +0.003/-0.002



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 41/30 TC LHL

**Style:** UL: MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 14 AWG (2.08mm2) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW FLEXING OR THHW OR AWM 1011/1015/1230/1335 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSATEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1011=80C, 1015=105C, 1032=90C, 1230: DRY=105C WET=60C, MTW/1335: DRY=90C WET=60C, BC-5W2: DRY=105C WET=75C, THHW: DRY=90C WET=75C, TEW/AWM I A/B=105C

- Notes:**
1. Min Temp: -40C
  2. CSA TEW: -30C

This product complies with European Directive 2011/65/EU (RoHS 2)

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DATE	REV	ECN	DESCRIPTION
10/9/2015	I		Added DC Resistance.

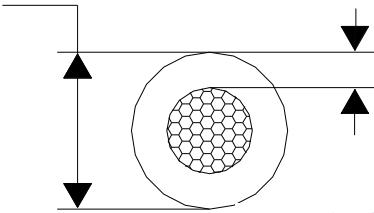
**PRODUCT SPECIFICATION**

**Parent Number:** F18054-

**Description:** 18 16/30 TC MTW or AWM  
1011/1015/1230/1335/1345 or 1032 TEW or  
AWM I A/B

**DIAMETER:** 0.106

**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030

**MINIMUM WALL:** 0.027

**Stranding:** 16/30 TC LHL

**Style:** UL: MTW or AWM 1011/1015/1230/1335/1345 or 1032 CSA:  
TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW OR AWM 1011/1015/1230/1335/1345 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1011=80C, 1015=105C, 1032=90C, 1230: DRY=105C WET=60C, MTW/1335: DRY=90C WET=60C, 1345: DRY=105C WET=75C, TEW/AWM I A/B=105C

- Notes:**
1. Maximum DC Resistance at 20C = 7.15 Ohms/1,000ft per UL 1581.
  2. Min Temp: -40C
  3. CSA TEW: -30C

This product complies with European Directive 2011/65/EU (RoHS 2)

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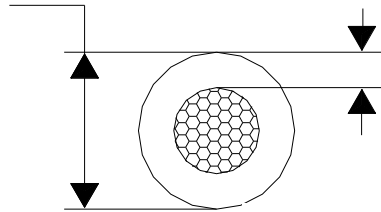
DATE	REV	ECN	DESCRIPTION
12/1/2009	E	CCI# 12370	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18076-

**Description:** 18 16/30 BC AWM 3173 or 3237 CL 1251  
AWM I A/B Switch Board Print

**DIAMETER:** 0.108  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 16/30 BC LHL

**Style:** UL: AWM 3173 or 3237 CSA: CL 1251 AWM I A/B

**Insulation:** XLPE

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3173 125C 600V OR 3237 105C 1000V XLPE -- 156205 CSA CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- SUITABLE FOR "SWITCHBOARD WIRE" -- MADE IN USA

**Voltage:** UL: AWM 3173 = 600V, AWM 3237 = 1000V CSA: AWM/CL1251 = 600V

**Temperature:** UL: AWM 3237 = 105C, AWM 3173 = 125C CSA: CL1251 or AWM = 125C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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DATE	REV	ECN	DESCRIPTION
11/3/2015	E		Updated temperature ratings.

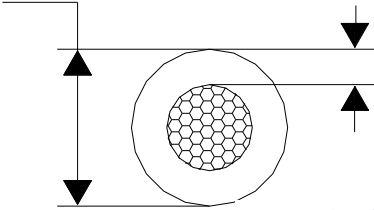
**PRODUCT SPECIFICATION**

**Parent Number:** F10008-

**Description:** 10 19/.0234 BC MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 or TEW or AWM I A/B

**DIAMETER:** 0.175

**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030

**MINIMUM WALL:** 0.027

**Stranding:** 19/.0234 BC LHL

**Style:** UL: MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 10 AWG (5.27mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1011/1015/1230/1335 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1011=80C, 1015=105C, 1032=90C, THHW: DRY=90C WET=75C, 1230: DRY=105C WET=60C, MTW/1335: DRY=90C WET=60C, BC-5W2: DRY=105C WET=75C, TEW/AWM I A/B=105C

- Notes:**
1. Min. Temp = -40C
  2. CSA TEW: -30C

This product complies with European Directive 2011/65/EU (RoHS 2)

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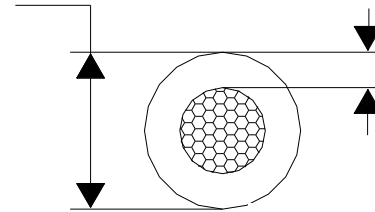
DATE	REV	ECN	DESCRIPTION
11/3/2015	G		Added low temp information.

**PRODUCT SPECIFICATION**

**Parent Number:** F12020-

**Description:** 12 19/.0185 BC MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 TEW or AWM I A/B

**DIAMETER:** 0.151  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 19/.0185 BC LHL

**Style:** UL: MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 12 AWG (3.31mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1011/1015/1230/1335 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1011=80C, 1015=105C, 1032=90C, 1230: DRY=105C WET=60C, MTW/1335: DRY=90C WET=60C, BC-5W2: DRY=105C WET=75C, THHW: DRY=90C WET=75C, TEW/AWM I A/B=105C

- Notes:**
1. Min Temp: -40C
  2. CSA TEW = -30C

This product complies with European Directive 2011/65/EU (RoHS 2)

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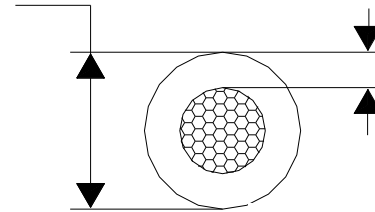
DATE	REV	ECN	DESCRIPTION
5/5/2010	D	CCI 12370	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F16042-

**Description:** 16 26/30 BC AWM 3173 or 3237 CL 1251  
AWM I A/B

**DIAMETER:** 0.119  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 26/30 BC LHL

**Style:** UL: AWM 3173 or 3237 CSA: CL1251 AWM I A/B

**Insulation:** XLPE

**Print Legend:** 16 AWG (1.31mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3173 125C 600V OR 3237 105C 1000V XLPE -- 156205 CSA CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- SUITABLE FOR "SWITCHBOARD WIRE" -- MADE IN USA

**Voltage:** UL: AWM 3173 = 600V, AWM 3237 = 1000V CSA: AWM/CL1251 = 600V

**Temperature:** UL: AWM 3237 = 105C, AWM 3173 = 125C CSA: CL1251 or AWM = 125C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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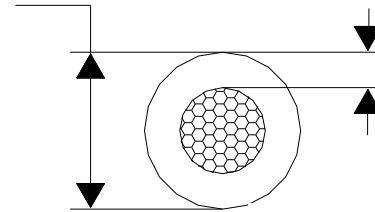
DATE	REV	ECN	DESCRIPTION
5/30/2017	G		Updated temperature section.

**PRODUCT SPECIFICATION**

**Parent Number:** F16047-

**Description:** 16 26/30 TC AWM 3173 or 3237 CL 1251  
AWM I A/B

**DIAMETER:** 0.119  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 26/30 TC LHL

**Style:** UL: AWM 3173 or 3237 CSA: CL1251 AWM I A/B

**Insulation:** XLPE

**Print Legend:** 16 AWG (1.31mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3173 125C 600V OR 3237 105C 1000V XLPE -- 156205 CSA CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- SUITABLE FOR "SWITCHBOARD WIRE" -- MADE IN USA

**Voltage:** UL: AWM 3173 = 600V, AWM 3237 = 1000V CSA: AWM/CL1251 = 600V

**Temperature:** UL: AWM 3237 = 105C, AWM 3173 = 125C CSA: CL1251 or AWM I A/B = 125C

**Notes:** 1. Min Temp Rating: -40C

This product complies with European Directive 2011/65/EU (RoHS 2)

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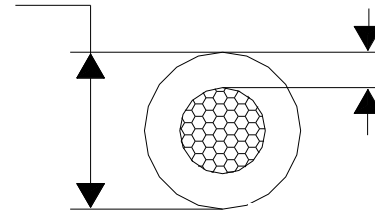
DATE	REV	ECN	DESCRIPTION
3/15/2016	E		ADDED NOTE 2.

**PRODUCT SPECIFICATION**

**Parent Number:** F08050-

**Description:** 8 7x19/29 TC AWM 3195 UL SIS CL 1251  
AWM I A/B

**DIAMETER:** 0.261  
**TOLERANCE ± :** 0.005



**MIN AVG WALL:** 0.045  
**MINIMUM WALL:** 0.040

**Stranding:** 7x19/29 TC LHL

**Style:** UL: SIS or AWM 3195 or 3237 CSA: CL 1251 or AWM I A/B

**Insulation:** XLPE

**Print Legend:** 8 AWG (8.37mm<sup>2</sup>) E30117 (PLANT ID CODE) (UL) SIS 600V AND AWM 3195 600V OR 3237 1000V -- 156205 CSA CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- MADE IN USA

**Voltage:** 600V, 3237 = 1,000V

**Temperature:** 125C, SIS = 90C, 3237 = 105C

- Notes:**
1. Min Temp = -40C
  2. Separator is used between the copper conductor and insulation.

This product complies with European Directive 2011/65/EU (RoHS 2)

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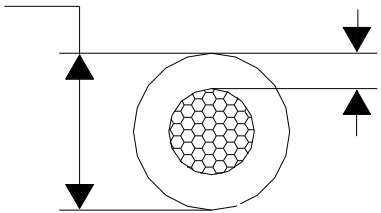
DATE	REV	ECN	DESCRIPTION
10/28/2015	E		Updated temp & voltage ratings.

**PRODUCT SPECIFICATION**

**Parent Number:** F04029-

**Description:** 4 7x19/25 TC AWM 3196 UL SIS or CL 1251 or AWM I A/B

**DIAMETER:** 0.392  
**TOLERANCE ± :** 0.010



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

**Stranding:** 7x19/25 TC Unilay

**Style:** UL: SIS or AWM 3196 or 3237 CSA: CL 1251 or AWM I A/B

**Insulation:** XLPE

**Print Legend:** 4 AWG (21.2mm<sup>2</sup>) E30117 (PLANT ID CODE) (UL) SIS 90C 600V AND AWM 3196 125C 600V OR 3237 105C 1000V -- 156205 CSA CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- MADE IN USA

**Voltage:** 600V, 3237 = 1,000V

**Temperature:** 125C, SIS = 90C, AWM 3237 = 105C

**Notes:** 1. Min Temp = -40C

This product complies with European Directive 2011/65/EU (RoHS 2)

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**Customer Part Nbr(s):** \_\_\_\_\_

**Approved By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **Company Name:** \_\_\_\_\_



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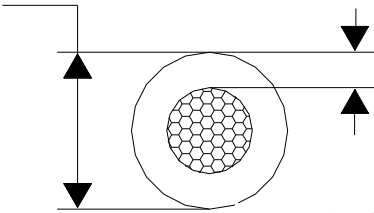
DATE	REV	ECN	DESCRIPTION
11/3/2015	E		Updated temperature ratings.

**PRODUCT SPECIFICATION**

**Parent Number:** F14030-

**Description:** 14 19/.0147 BC MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 or TEW or AWM I A/B

**DIAMETER:** 0.132  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 19/.0147 BC LHL

**Style:** UL: MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 14 AWG (2.08mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1011/1015/1230/1335 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1011=80C, 1015=105C, 1032=90C, 1230: DRY=105C WET=60C, MTW/1335: DRY=90C WET=60C, BC-5W2: DRY=105C WET=75C, THHW: DRY=90C WET=75C, TEW/AWM I A/B=105C

- Notes:**
1. Min. Temp = -40C
  2. CSA TEW: -30C

This product complies with European Directive 2011/65/EU (RoHS 2)

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DATE	REV	ECN	DESCRIPTION
8/19/2009	E	20977	SPECIFICATION UPDATED

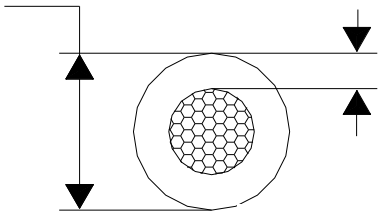
**PRODUCT SPECIFICATION**

**Parent Number:** F18118-

**Description:** 18 19/.0092 BC MTW or AWM  
 1011/1015/1230/1335/1345 or 1032 TEW or  
 AWM I A/B

**DIAMETER:** 0.106

**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030

**MINIMUM WALL:** 0.027

**Stranding:** 19/.0092 BC LHL

**Style:** UL: MTW or AWM 1011/1015/1230/1335/1345 or 1032 CSA:  
 TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW OR AWM 1011/1015/1230/1335/1345 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1011=80C, 1015=105C, 1032=90C, 1230: DRY=105C WET=60C, MTW/1335: DRY=90C WET=60C, 1345: DRY=105C WET=75C, TEW/AWM I A/B=105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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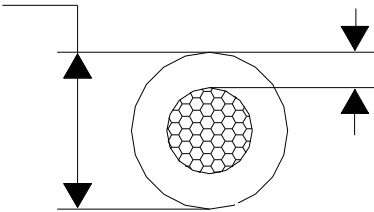


DATE	REV	ECN	DESCRIPTION
8/18/2009	D	20977	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F20033-

**Description:** 20 10/30 BC MTW or AWM  
 1011/1015/1230/1335 or 1032 TEW or AWM I A/B  
**DIAMETER:** 0.099  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 10/30 BC LHL

**Style:** UL: MTW or AWM 1011/1015/1230/1335 or 1032 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 20 AWG (0.519mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW OR AWM 1011/1015/1230/1335 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT-1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1015=105C, 1230: DRY=105C WET=60C, 1011=80C, 1032=90C, MTW/1335: DRY=90C WET=60C; TEW/AWM I A/B: 105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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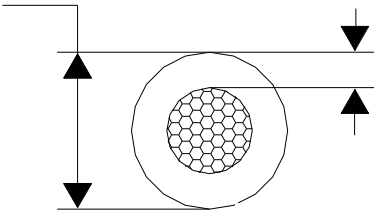
DATE	REV	ECN	DESCRIPTION
9/11/2003	A	2702	SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F16073-

**Description:** 16 26/30 BC MTW or AWM 1056/1275 TEW  
or AWM I A/B OD 0.181"

**DIAMETER:** 0.181  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

**Stranding:** 26/30 BC LHL

**Style:** UL: MTW or AWM 1056/1275 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 16 AWG (1.31mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW FLEXING OR AWM STYLE 1056/1275 600V VW-1 -- 156205 CSA TYPE TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V

**Temperature:** Dry=105C, Wet=60C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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DATE	REV	ECN	DESCRIPTION
10/30/2015	F		SPECIFICATION UPDATED

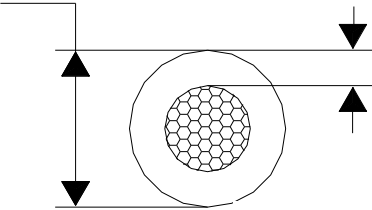
**PRODUCT SPECIFICATION**

**Parent Number:** F18117-

**Description:** 18 16/30 TPCT AWM  
 1015/1230/1011/1335/1032 TEW or AWM I  
 A/B

**DIAMETER:** 0.106

**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030

**MINIMUM WALL:** 0.027

**Stranding:** 16/30 Topcoat

**Style:** UL: AWM 1015/1230/1011/1335/1032 CSA: TEW or AWM I  
 A/B

**Insulation:** PVC

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1015/1230 105C or 1011 80C or 1335 90C 600V or 1032 90C 1000V VW-1 --- 156205 CSA TEW 105C 600V FT1 or AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1015=105C, 1230: DRY=105C WET=60C, 1011=80C, 1032=90C, 1335: DRY=90C WET=60C, TEW/AWM I A/B=105C

**Notes:**

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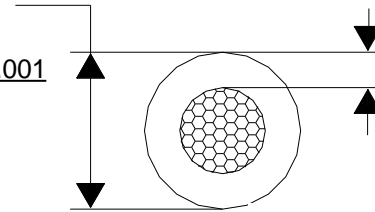
DATE	REV	ECN	DESCRIPTION
1/22/2004	A	3806	SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18129-

**Description:** 18 16/30 TC MTW or AWM 1056/1275 TEW or AWM I A/B OD 0.168"

**DIAMETER:** 0.168  
**TOLERANCE ± :** +0.004/-0.001



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

**Stranding:** 16/30 TC LHL

**Style:** UL: MTW or AWM 1056/1275 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW FLEXING OR AWM STYLE 1056/1275 600V VW-1 -- 156205 CSA TYPE TEW 105C 600V FT1 OR AWM I A/B105C 600V FT1

**Voltage:** 600V

**Temperature:** Dry=105C, Wet=60C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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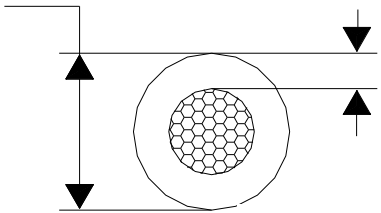
DATE	REV	ECN	DESCRIPTION
4/13/2016	B		UPDATED TEMPERATURE INFO

**PRODUCT SPECIFICATION**

**Parent Number:** F14040-

**Description:** 14 41/30 BC MTW or AWM 1060/1276/1329  
TEW or AWM I A/B

**DIAMETER:** 0.234  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.080  
**MINIMUM WALL:** 0.072

**Stranding:** 41/30 BC LHL

**Style:** UL: MTW or AWM 1060/1276/1329 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 14 AWG (2.08mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW OR AWM 1060/1276/1329 600V VW-1 --- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V

**Temperature:** MTW: DRY=90C WET=60C, 1060=105C, 1276/1329: DRY=105C WET=60C, TEW/AWM I A/B=105C

**Notes:**

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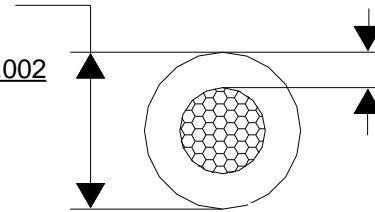
DATE	REV	ECN	DESCRIPTION
1/24/2004	A	3806	SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F14076-

**Description:** 14 41/30 BC MTW or AWM 1056/1275 TEW or AWM I A/B

**DIAMETER:** 0.192  
**TOLERANCE ± :** +0.003/-0.002



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

**Stranding:** 41/30 BC LHL

**Style:** UL: MTW or AWM 1056/1275 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 14 AWG (2.08mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW OR AWM 1056/1275 600V VW-1 --- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V

**Temperature:** Dry=105C, Wet=60C

**Notes:**

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DATE	REV	ECN	DESCRIPTION
8/11/2016	B		Updated approvals & temp ratings.

**PRODUCT SPECIFICATION**

**Parent Number:** F08012-

**Description:** 8 84/27 TC MTW or BC-5W2 or AWM  
1011/1028/1231/1344 or 1032 or TEW or  
AWM I A/B

**Stranding:** 84/27 TC LHL

**Style:** UL: MTW or BC-5W2 or AWM 1011/1028/1231/1344 or 1032  
CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 8 AWG (8.37mm2) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1011/1028/1231/1344 600V OR 1032 1000V  
MOISTURE RESISTANT OIL RES I SUN RES VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** BC-5W2/1344: DRY=105C WET=75C, MTW: DRY=90C WET=60C, THHW: DRY=90C WET=75C, 1011=80C, 1028=105C, 1231:  
DRY=105C WET=60C, 1032=90C, TEW/AWM I A/B=105C

**Notes:**

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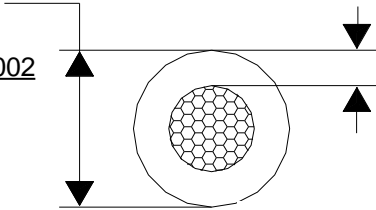
**Customer Approval:**

**Customer Part Nbr(s):** \_\_\_\_\_

**Approved By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **Company Name:** \_\_\_\_\_

**DIAMETER:** 0.247  
**TOLERANCE ± :** +0.003/-0.002



**MIN AVG WALL:** 0.045

**MINIMUM WALL:** 0.040

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DATE	REV	ECN	DESCRIPTION
8/11/2016	C		Updated approvals & temp ratings.

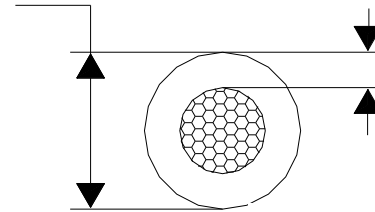
**PRODUCT SPECIFICATION**

**Parent Number:** F08015-

**Description:** 8 19/UL Combo TC MTW or BC-5W2 or THHW or AWM 1011/1028/1231/1344 or 1032 or TEW or AWM I A/B OD 0.237"

**DIAMETER:** 0.237

**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.045

**MINIMUM WALL:** 0.040

**Stranding:** 19/UL Combo TC LHL

**Style:** UL: MTW or BC-5W2 or AWM 1011/1028/1231/1344 or 1032  
CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 8 AWG (8.37mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1011/1028/1231/1344 600V OR 1032 1000V MOISTURE RESISTANT OIL RES I SUN RES VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** BC-5W2/1344: DRY=105C WET=75C, MTW: DRY=90C WET=60C, THHW: DRY=90C WET=75C, 1011=80C, 1028=105C, 1231: DRY=105C WET=60C, 1032=90C, TEW/AWM I A/B=105C

**Notes:**

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DATE	REV	ECN	DESCRIPTION
8/11/2016	C		Updated approvals & temp ratings.

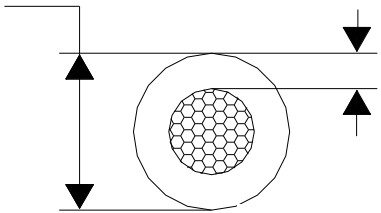
**PRODUCT SPECIFICATION**

**Parent Number:** F08016-

**Description:** 8 19/UL Combo BC MTW or BC-5W2 or THHW or AWM 1011/1028/1231/1344 or 1032 or TEW or AWM I A/B OD 0.237"

**DIAMETER:** 0.237

**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.045

**MINIMUM WALL:** 0.040

**Stranding:** 19/UL Combo BC LHL

**Style:** UL: MTW or BC-5W2 or AWM 1011/1028/1231/1344 or 1032  
CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 8 AWG (8.37mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1011/1028/1231/1344 600V OR 1032 1000V MOISTURE RESISTANT OIL RES I SUN RES VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** BC-5W2/1344: DRY=105C WET=75C, MTW: DRY=90C WET=60C, THHW: DRY=90C WET=75C, 1011=80C, 1028=105C, 1231: DRY=105C WET=60C, 1032=90C, TEW/AWM I A/B=105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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**Customer Part Nbr(s):** \_\_\_\_\_

**Approved By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **Company Name:** \_\_\_\_\_



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DATE	REV	ECN	DESCRIPTION
8/11/2016	B		Updated approvals & temp ratings.

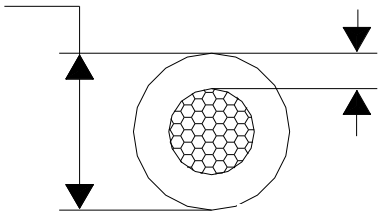
**PRODUCT SPECIFICATION**

**Parent Number:** F08017-

**Description:** 8 7x19/29 BC MTW or BC-5W2 or THHW or AWM 1011/1028/1231/1344 or 1032 or TEW or AWM I A/B OD 0.262"

**DIAMETER:** 0.262

**TOLERANCE ± :** 0.004



**MIN AVG WALL:** 0.045

**MINIMUM WALL:** 0.040

**Stranding:** 7x19/29 BC LHL

**Style:** UL: MTW or BC-5W2 or THHW or AWM 1011/1028/1231/1344 or 1032 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 8 AWG (8.37mm2) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1011/1028/1231/1344 600V OR 1032 1000V MOISTURE RESISTANT OIL RES I SUN RES VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** BC-5W2/1344: DRY=105C WET=75C, MTW: DRY=90C WET=60C, THHW: DRY=90C WET=75C, 1011=80C, 1028=105C, 1231: DRY=105C WET=60C, 1032=90C, TEW/AWM I A/B=105C

**Notes:**

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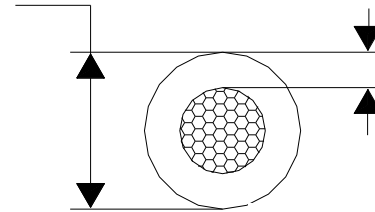
DATE	REV	ECN	DESCRIPTION
9/23/2016	D		Updated temp & voltage info.

**PRODUCT SPECIFICATION**

**Parent Number:** F08073-

**Description:** 8 19/UL Combo BC MTW or AWM 1028/1231 or TEW or AWM I A/B IEWC Print OD 0.240"

**DIAMETER:** 0.240  
**TOLERANCE ± :** 0.004



**MIN AVG WALL:** 0.045  
**MINIMUM WALL:** 0.040

**Stranding:** 19/UL Combo BC LHL

**Style:** UL: MTW or AWM 1028/1231 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** IEWC 8 AWG (8.37mm2) E51583 (PLANT ID CODE) (UL) MTW OR AWM 1028 OR 1231 600V VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V

**Temperature:** MTW: DRY=90C WET=60C, 1028=105C, 1231: DRY=105C WET=60C, TEW/AWM I A/B=105C

**Notes:** 1. This wire meets the requirements for UL AWM 1032 90C 1,000V and UL AWM 10269 105C 1,000V ratings.

This product complies with European Directive 2011/65/EU (RoHS 2)

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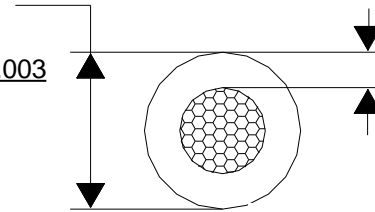
DATE	REV	ECN	DESCRIPTION
2/3/2004	A	3806	SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F10030-

**Description:** 10 19/.0234 TC MTW or AWM 1028/1231  
TEW or AWM I A/B

**DIAMETER:** 0.207  
**TOLERANCE ± :** +0.005/-0.003



**MIN AVG WALL:** 0.045  
**MINIMUM WALL:** 0.040

**Stranding:** 19/.0234 TC LHL

**Style:** UL: MTW or AWM 1028/1231 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 10 AWG (5.261mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW OR AWM 1028 OR 1231 600V VW-1 --- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V

**Temperature:** MTW: DRY=90C WET=60C, 1028=105C, 1231: DRY=105C WET=60C, TEW/AWM I A/B=105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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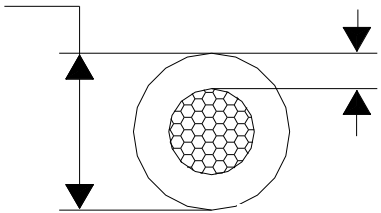


DATE	REV	ECN	DESCRIPTION
9/14/2015	E		Updated low temp info.

**PRODUCT SPECIFICATION**

**Parent Number:** F20037-

**Description:** 20 10/30 TC MTW or AWM  
 1011/1015/1230/1335 or 1032 TEW or AWM I A/B  
**DIAMETER:** 0.099  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 10/30 TC LHL

**Style:** UL: MTW or AWM 1011/1015/1230/1335 or 1032 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 20 AWG (0.519mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW OR AWM 1011/1015/1230/1335 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT-1

**Voltage:** 600V, 1032=1000V

**Temperature:** MTW: DRY=90C WET=60C, 1015=105C, 1230: DRY=105C WET=60C, 1011=80C, 1032=90C, 1335: DRY=90C WET=60C

- Notes:**
1. Min Temp: -40C
  2. CSA TEW: -30C

This product complies with European Directive 2011/65/EU (RoHS 2)

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DATE	REV	ECN	DESCRIPTION
10/20/2015	C		Updated temperature rating info.

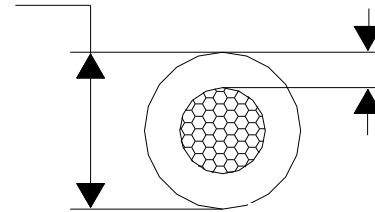
**PRODUCT SPECIFICATION**

**Parent Number:** F4T023-

**Description:** 4/0 19x111/30 TC THHW FOR CT USE or MTW or BC-5W2 or AWM 1232/1284/1338 or 10269 TEW or AWM I A/B SGT per J1127

**DIAMETER:** 0.726

**TOLERANCE ± :** 0.010



**MIN AVG WALL:** 0.080

**MINIMUM WALL:** 0.072

**Stranding:** 19x111/30 TC LHL

**Style:** UL: THHW FOR CT USE or MTW or BC-5W2 or AWM 1232/1284/1338 or 10269 CSA: TEW or AWM I A/B SAE: SGT per J1127

**Insulation:** PVC

**Print Legend:** 4/0 AWG (107mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW FOR CT USE OR AWM 1232/1284/1338 600V OR 10269 1000V OIL RES I SUN RES VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1 -- SAE J1127 TYPE SGT

**Voltage:** 600V, AWM 10269 = 1,000V, SGT = 60V DC & 25V AC

**Temperature:** BC-5W2: DRY=105C WET=75C, MTW or 1338: DRY=90C WET=60C, THHW: DRY=90C WET=75C, 1232: DRY=105C WET=60C, 1284/10269 or TEW or AWM I A/B or SGT=105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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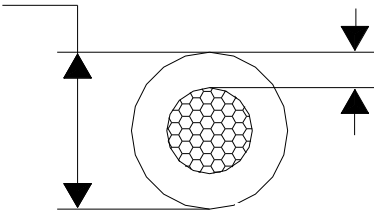
DATE	REV	ECN	DESCRIPTION
7/25/2011	C	#13832	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18169-

**Description:** 18 19/30 TC AWM 3199 CL 1252

**DIAMETER:** 0.079  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 19/30 TC LHL

**Style:** UL: AWM 3199 CSA: CL 1252

**Insulation:** XLPE

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3199 105C 300V -- 156205 CSA CL1252 125C 300V

**Voltage:** 300V

**Temperature:** UL=105C, CSA=125C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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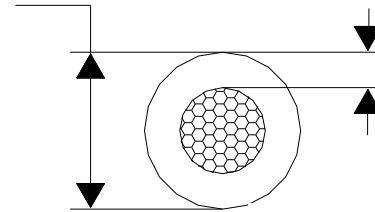
DATE	REV	ECN	DESCRIPTION
7/6/2010	G	#13004	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18096-

**Description:** 18 7/.0152 TC AWM 3071/3231 SF-2 SEW-2 Braided Silicone

**DIAMETER:** 0.106  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 7/.0152 TC LHL

**Style:** UL: AWM 3071/3231 or SF-2 CSA: SEW-2

**Insulation:** Braided Silicone

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E30071 (PLANT ID CODE) (UL) TYPE SF-2 OR AWM 3071/3231 200C 600V -- 156205 CSA SEW-2 200C 600V FT1

**Voltage:** 600V

**Temperature:** 200C

- Notes:**
1. Diameter shown is OD under braid.
  1. The OD over the braid is approximately 0.116".

This product complies with European Directive 2011/65/EU (RoHS 2)

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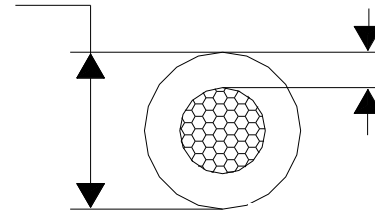
DATE	REV	ECN	DESCRIPTION
5/13/2004	B	5039	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18006-

**Description:** 18 16/30 TC AWM 3133 or 3134 AWM I A  
Braidless Silicone

**DIAMETER:** 0.108  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 16/30 TC LHL

**Style:** UL: AWM 3133 or 3134 CSA: AWM I A

**Insulation:** Silicone Rubber

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3133 or 3134 150C 600V --- 156205 CSA AWM I A/B 150C 600V FT2

**Voltage:** 600V

**Temperature:** 150C

**Notes:**

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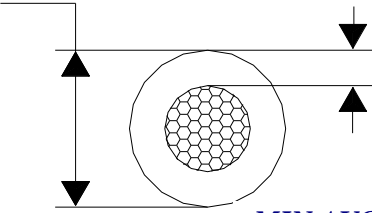
DATE	REV	ECN	DESCRIPTION
5/30/2017	F		Updated temp & voltage sections.

**PRODUCT SPECIFICATION**

**Parent Number:** F12106-

**Description:** 12 7/.0305 TC AWM 3173 or 3237 UL SIS CL  
1251 AWM I A/B

**DIAMETER:** 0.155  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 7/.0305 TC LHL

**Style:** UL: AWM 3173 or 3237 UL SIS CSA: CL 1251 AWM I A/B

**Insulation:** XLPE

**Print Legend:** 12 AWG (3.31mm<sup>2</sup>) E30117 (PLANT ID CODE) (UL) SIS 600V AND AWM 3173 600V OR 3237 1000V -- 156205 CSA CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- MADE IN USA

**Voltage:** 600V, 3237=1000V

**Temperature:** UL: SIS = 90C, 3173 = 125C, 3237 = 105C CSA: CL1251 or AWM I A/B = 125C

**Notes:**

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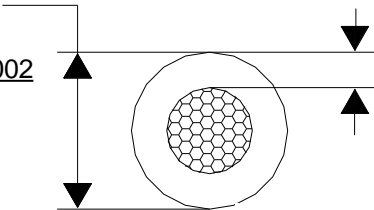
DATE	REV	ECN	DESCRIPTION
5/11/2004	A	4889	SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F14074-

**Description:** 14 19/.0147 TC AWM 1569 or 1581 TR-64 or AWM I A/B OD 0.102"

**DIAMETER:** 0.102  
**TOLERANCE ± :** +0.003/-0.002



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 19/.0147 TC LHL

**Style:** UL: AWM 1569 or 1581 CSA: TR-64 or AWM I A/B

**Insulation:** PVC

**Print Legend:** 14 AWG (2.08mm2) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1581 80C 300V VW-1 --- 156205 CSA TR-64 90C FT1 OR AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1007=80C, TR64=90C

**Notes:**

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DATE	REV	ECN	DESCRIPTION
6/19/2009	B	20959	SPECIFICATION UPDATED

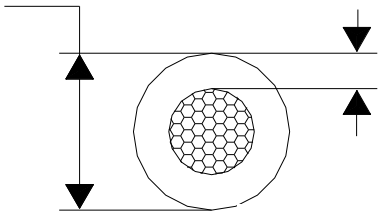
**PRODUCT SPECIFICATION**

**Parent Number:** F04040-

**Description:** 4 7x60/30 TC MTW OR THHW OR BC-5W2  
OR AWM 1232/1283/1346 OR 10269 TEW or  
AWM I A/B SGT per J1127

**DIAMETER:** 0.372

**TOLERANCE ± :** 0.010



**MIN AVG WALL:** 0.060

**MINIMUM WALL:** 0.054

**Stranding:** 7x60/30 TC LHL

**Style:** UL: MTW or THHW or BC-5W2 or AWM 1232/1283/1346 or  
10269 CSA: TEW or AWM I A/B SAE: SGT per J1127

**Insulation:** PVC

**Print Legend:** 4 AWG (21.2mm2) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1232/1283/1346 600V OR 10269 1000V OIL RES I  
SUN RES VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1 -- SAE J1127 TYPE SGT

**Voltage:** 600V or AWM 10269 = 1,000V

**Temperature:** 105C

**Notes:** 1. Bend Radius: 6-8 times the diameter

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**Approved By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **Company Name:** \_\_\_\_\_



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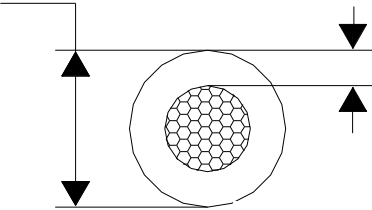
DATE	REV	ECN	DESCRIPTION
7/7/2004	B	5615	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F17001-

**Description:** 17 7x30/40 TC AWM 3123 AWM I A/B  
Braidless Silicone

**DIAMETER:** 0.119  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.032  
**MINIMUM WALL:** 0.028

**Stranding:** 7x30/40 TC LHL

**Style:** UL: AWM 3123 CSA: AWM I A/B

**Insulation:** SILICONE RUBBER

**Print Legend:** 17 AWG (1.04mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM STYLE 3123 150C 600V - - - 156205 CSA AWM I A/B 150C 600V FT2

**Voltage:** 600V

**Temperature:** 150C

**Notes:**

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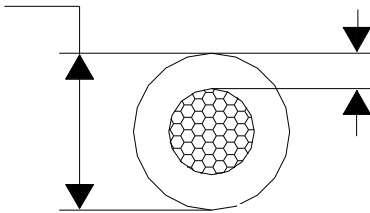
DATE	REV	ECN	DESCRIPTION
7/31/2009	B	20977	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F10020-

**Description:** 10 105/30 TC AWM 3239 15 KVDC - Braidless  
Silicone

**DIAMETER:** 0.204  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.045  
**MINIMUM WALL:** 0.043

**Stranding:** 105/30 TC LHL

**Style:** UL3239

**Insulation:** SILICONE

**Print Legend:** E57498 (PLANT ID CODE) (AWM LOGO) AWM 3239 15 KVDC 150C VW-1

**Voltage:** 15KVDC

**Temperature:** 150C

**Notes:**

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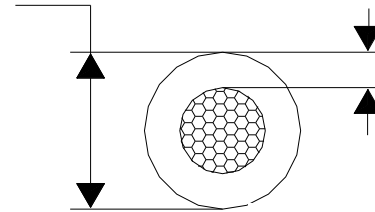
DATE	REV	ECN	DESCRIPTION
9/14/2015	F		Updated low temp info.

**PRODUCT SPECIFICATION**

**Parent Number:** F10012-

**Description:** 10 105/30 TC MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 TEW or AWM I A/B

**DIAMETER:** 0.175  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 105/30 TC LHL

**Style:** UL: MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 10 AWG (5.27mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW FLEXING OR THHW OR AWM 1011/1015/1230/1335 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1011=80C, 1015=105C, 1032=90C, THHW: DRY=90C WET=75C, 1230: DRY=105C WET=60C, MTW/1335: DRY=90C WET=60C, BC-5W2: DRY=105C WET=75C, TEW/AWM I A/B=105C

- Notes:**
1. Min. Temp: -40C
  2. CSA TEW: -30C

This product complies with European Directive 2011/65/EU (RoHS 2)

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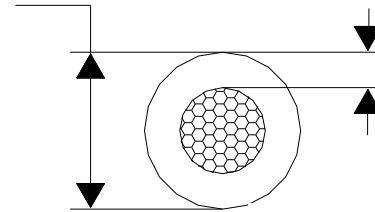
DATE	REV	ECN	DESCRIPTION
5/30/2017	E		Updated UL approvals.

**PRODUCT SPECIFICATION**

**Parent Number:** F20041-

**Description:** 20 10/30 TC AWM 3321 or 3505 or 3289 or 3271 or CL1503 or AWM I A

**DIAMETER:** 0.103  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 10/30 TC LHL

**Style:** UL: AWM 3321 or 3505 or 3289 or 3271 CSA: CL1503 or AWM I A

**Insulation:** XLPE

**Print Legend:** 20 AWG (0.519mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3289/3321/3505 150C OR 3271 125C 600V AC 750V DC -- 156205 CSA CL1503 150C 600V OR AWM I A 150C 600V FT1 -- MADE IN USA

**Voltage:** UL=600Vac 750Vdc, CSA=600V

**Temperature:** 150C, 3271=125C

**Notes:** 1. Min Temp Rating: -40C

This product complies with European Directive 2011/65/EU (RoHS 2)

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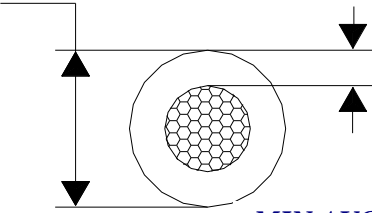
DATE	REV	ECN	DESCRIPTION
5/30/2017	C		Updated temp & voltage sections.

**PRODUCT SPECIFICATION**

**Parent Number:** F22030-

**Description:** 22 7/.0096 TC AWM 3173 or CL 1251 or AWM I A/B

**DIAMETER:** 0.090  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 7/.0096 TC LHL

**Style:** UL: AWM 3173 CSA: CL1251 or AWM I A/B

**Insulation:** XLPE

**Print Legend:** 22 AWG (0.324mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3173 125C 600V -- 156205 CSA CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- SUITABLE FOR "SWITCHBOARD WIRE" -- MADE IN USA

**Voltage:** UL: AWM 3173 = 600V CSA: CL1251/AWM I A/B = 600V

**Temperature:** UL: AWM 3173 = 125C CSA: CL1251 or AWM I A/B = 125C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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DATE	REV	ECN	DESCRIPTION
9/30/2015	H		Updated low temp information.

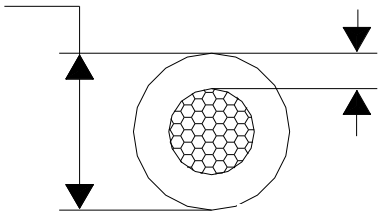
**PRODUCT SPECIFICATION**

**Parent Number:** F18043-

**Description:** 18 16/30 BC MTW or AWM  
 1011/1015/1230/1335/1345 or 1032 TEW or  
 AWM I A/B

**DIAMETER:** 0.106

**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030

**MINIMUM WALL:** 0.027

**Stranding:** 16/30 BC LHL

**Style:** UL: MTW or AWM 1011/1015/1230/1335/1345 or 1032 CSA:  
 TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW OR AWM 1011/1015/1230/1335/1345 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1011=80C, 1015=105C, 1032=90C, 1230: DRY=105C WET=60C, MTW/1335: DRY=90C WET=60C, 1345: DRY=105C WET=75C, TEW/AWM I A/B=105C

- Notes:**
1. Min Temp: -40C
  2. CSA TEW: -30C

This product complies with European Directive 2011/65/EU (RoHS 2)

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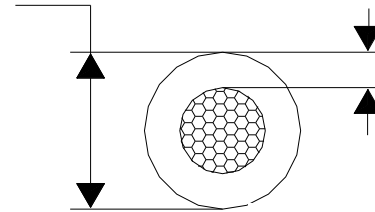
DATE	REV	ECN	DESCRIPTION
11/13/2018	H		Added note 2.

**PRODUCT SPECIFICATION**

**Parent Number:** F14047-

**Description:** 14 41/30 TC AWM 3173 or 3237 UL SIS CL  
1251 AWM I A/B

**DIAMETER:** 0.136  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 41/30 TC LHL

**Style:** UL: UL SIS & AWM 3173 or 3237 CSA: CL1251 & AWM I A/B

**Insulation:** XLPE

**Print Legend:** 14 AWG (2.08mm<sup>2</sup>) E30117 (PLANT ID CODE) (UL) SIS 600V AND AWM 3173 600V OR 3237 1000V -- 156205 CSA CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- MADE IN USA

**Voltage:** UL: SIS/AWM 3173 = 600V, AWM 3237 = 1000V CSA: AWM/CL1251 = 600V

**Temperature:** UL: SIS = 90C, AWM 3237 = 105C, AWM 3173 = 125C CSA: CL1251 or AWM = 125C

- Notes:**
1. Min Temp Rating: -40C
  2. Suitable for immersion in Gasoline and/or Gasoline Vapor per UL 758.

This product complies with European Directive 2011/65/EU (RoHS 2)

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DATE	REV	ECN	DESCRIPTION
10/19/2015	H		Updated low temp info.

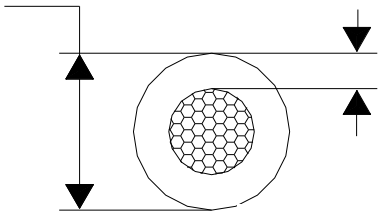
**PRODUCT SPECIFICATION**

**Parent Number:** F12022-

**Description:** 12 65/30 BC MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 TEW or AWM I A/B

**DIAMETER:** 0.151

**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030

**MINIMUM WALL:** 0.027

**Stranding:** 65/30 BC LHL

**Style:** UL: MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 12 AWG (3.31mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW FLEXING OR THHW OR AWM 1011/1015/1230/1335 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1011=80C, 1015=105C, 1032=90C, 1230: DRY=105C WET=60C, MTW/1335: DRY=90C WET=60C, BC-5W2: DRY=105C WET=75C, THHW: DRY=90C WET=75C, TEW/AWM I A/B=105C

- Notes:**
1. Min. Temp Rating = -40C per UL 83 Cold Bend test.
  2. CSA TEW = -30C

This product complies with European Directive 2011/65/EU (RoHS 2)

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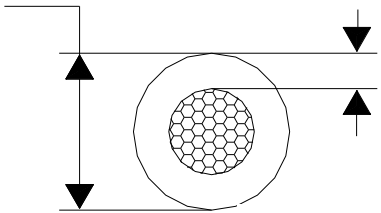
DATE	REV	ECN	DESCRIPTION
11/15/2016	F		Revised notes & temperature.

**PRODUCT SPECIFICATION**

**Parent Number:** F22021-

**Description:** 22 7/.0096 TC AWM 1569 or 1007 or TR-64 or AWM I A/B

**DIAMETER:** 0.062  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 7/.0096 TC LHL

**Style:** UL: AWM 1569 or 1007 CSA: TR-64 or AWM I A/B

**Insulation:** PVC

**Print Legend:** 22 AWG (0.324mm2) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1007 80C 300V VW-1 --- 156205 CSA TR-64 90C FT1 OR AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1007=80C, TR64=90C, AWM I A/B=105C

**Notes:** 1. Min Temp Rating: UL = -10C, CSA = -15C.

This product complies with European Directive 2011/65/EU (RoHS 2)

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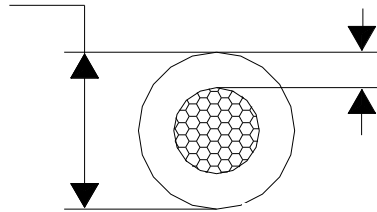
DATE	REV	ECN	DESCRIPTION
10/30/2015	D		SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18041-

**Description:** 18 16/30 TC AWM 1569 or 1007 TR-64 or AWM I A/B

**DIAMETER:** 0.079  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 16/30 TC LHL

**Style:** UL: AWM 1007 OR 1569 CSA: TR-64 or AWM I A/B

**Insulation:** PVC

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1007 80C 300V VW-1 --- 156205 CSA TR-64 90C FT1 OR AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1007=80C, TR64=90C, AWM I A/B=105C

**Notes:** 1. Min Temp Rating: -15C

This product complies with European Directive 2011/65/EU (RoHS 2)

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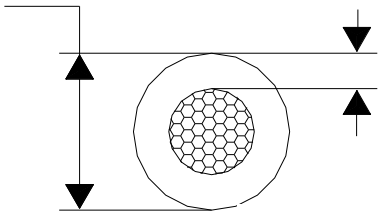
DATE	REV	ECN	DESCRIPTION
10/9/2015	D		UPDATED SPECIFICATION

**PRODUCT SPECIFICATION**

**Parent Number:** F24002-

**Description:** 24 7/.0076 TC AWM 1569 or 1007 TR-64

**DIAMETER:** 0.057  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 7/.0076 TC LHL

**Style:** UL: AWM 1569 or 1007 CSA: TR-64 or AWM I A/B

**Insulation:** PVC

**Print Legend:** 24 AWG (0.205mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1007 80C 300V VW-1 -- 156205 CSA TR-64 90C FT1 OR AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1007=80C, TR-64=90C, AWM I A/B=105C

- Notes:**
1. Maximum DC Resistance at 20C = 28.7 Ohms/1,000ft per UL 1581.
  2. Min Temp Rating: -15C

This product complies with European Directive 2011/65/EU (RoHS 2)

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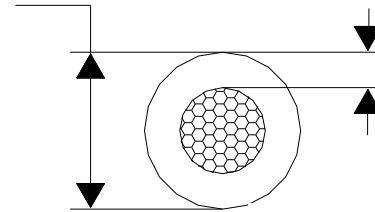
DATE	REV	ECN	DESCRIPTION
11/3/2016	K		Added 3271 to description & style.

**PRODUCT SPECIFICATION**

**Parent Number:** F18074-

**Description:** 18 16/30 TC AWM 3321 or 3505 or 3289 or 3271 or CL1503 or AWM I A

**DIAMETER:** 0.108  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 16/30 TC LHL

**Style:** UL: AWM 3321 or 3505 or 3289 or 3271 CSA: CL1503 or AWM I A

**Insulation:** XLPE

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3289/3321/3505 150C OR 3271 125C 600V AC 750V DC -- 156205 CSA CL1503 150C 600V OR AWM I A 150C 600V FT1 -- MADE IN USA

**Voltage:** UL=600Vac 750Vdc, CSA=600V

**Temperature:** 150C, 3271=125C

- Notes:**
1. Minimum Bend Radius: 4 times the cable diameter for permanent bend and 8 times for flexing applications
  2. Min Temp: -40C

This product complies with European Directive 2011/65/EU (RoHS 2)

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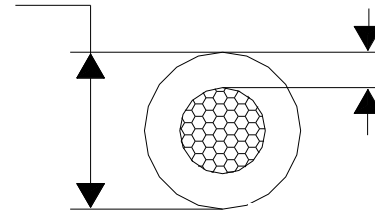
DATE	REV	ECN	DESCRIPTION
7/2/2010	F	#13004	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F14052-

**Description:** 14 7/.0242 TC AWM 3071/3231 SF-2 SEW-2 Braided Silicone

**DIAMETER:** 0.132  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 7/.0242 TC LHL

**Style:** UL: AWM 3071/3231 SF-2 CSA: SEW-2

**Insulation:** Braided Silicone

**Print Legend:** 14 AWG (2.08mm<sup>2</sup>) E30071 (PLANT ID CODE) (UL) TYPE SF-2 OR AWM 3071/3231 200C 600V -- 156205 CSA SEW-2 200C 600V FT1

**Voltage:** 600V

**Temperature:** 200C

- Notes:**
1. Diameter shown is OD under braid.
  2. OD over the braid is approximately 0.143"

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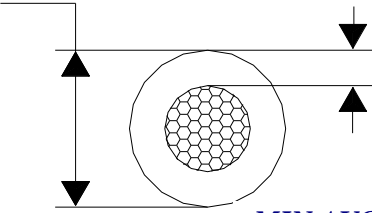
DATE	REV	ECN	DESCRIPTION
7/6/2009	C	20977	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F02058-

**Description:** 2 7x19/23 TC AWM 3196 CL 1251 AWM I A/B

**DIAMETER:** 0.471  
**TOLERANCE ± :** 0.015



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

**Stranding:** 7x19/23 TC Unilay

**Style:** UL: AWM 3196 CSA: CL 1251 AWM I A/B

**Insulation:** XLPE

**Print Legend:** 2 AWG (33.62mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM STYLE 3196 125C 600V XLPE -- 156205 CSA CL1251 125C 600V OR AWM I A/B 125C 600V FT2 -- MADE IN USA

**Voltage:** 600V

**Temperature:** 125C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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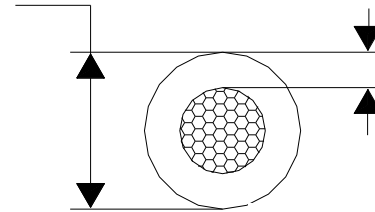
<i>DATE</i>	<i>REV</i>	<i>ECN</i>	<i>DESCRIPTION</i>
7/2/2010	E	#13004	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F10043-

**Description:** 10 19/.0234 TC AWM 3075/3231 SEW-2  
Braided Silicone

**DIAMETER:** 0.207  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.045  
**MINIMUM WALL:** 0.040

**Stranding:** 19/.0234 TC LHL

**Style:** UL: AWM 3075/3231 CSA: SEW-2

**Insulation:** Braided Silicone

**Print Legend:** 10 AWG (5.261mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3075/3231 200C 600V -- 156205 CSA SEW-2 200C 600V FT1

**Voltage:** 600V

**Temperature:** 200C

- Notes:**
1. Diameter shown is OD under braid.
  2. The OD over the braid is approximately 0.216".

This product complies with European Directive 2011/65/EU (RoHS 2)

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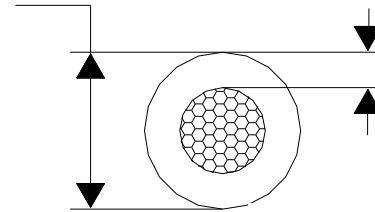
DATE	REV	ECN	DESCRIPTION
3/4/2009	B	20859	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F16210-

**Description:** 16 7/.0192 TC UL XF or AWM 3321 CL1503 or AWM I A

**DIAMETER:** 0.119  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 7/.0192 TC LHL

**Style:** UL: XF or AWM 3321 CSA: CL1503 or AWM I A

**Insulation:** XLPE

**Print Legend:** 16 AWG (1.31mm<sup>2</sup>) E30071 (PLANT ID CODE) (UL) XF 150C 300V OR AWM 3321 150C 600V -- 156205 CSA CL1503 150C 600V OR AWM I A 150C 600V FT1

**Voltage:** UL: XF = 300V, AWM 3321 = 600V, CSA = 600V

**Temperature:** 150C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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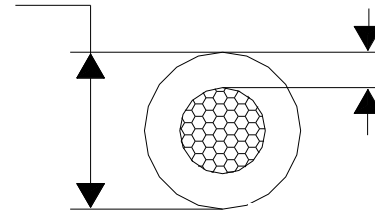
DATE	REV	ECN	DESCRIPTION
7/12/2007	B	17749	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F20009-

**Description:** 20 7x15/40 TC AWM 3123 AWM I A Braidless Silicone

**DIAMETER:** 0.103  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 7X15/40 TC Ropelay

**Style:** UL: AWM 3123 CSA: AWM I A

**Insulation:** SILICONE

**Print Legend:** 20 AWG (0.519mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3123 150C 600V - - - 156205 CSA AWM I A/B 150C 600V FT2

**Voltage:** 600V

**Temperature:** 150C

**Notes:**

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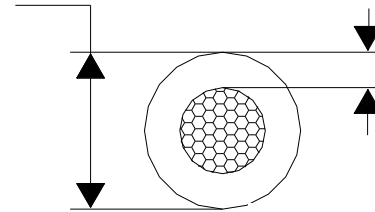
DATE	REV	ECN	DESCRIPTION
7/2/2010	D	#13004	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F16056-

**Description:** 16 7/.0192 TC AWM 3071/3231 SF-2 SEW-2 Braided Silicone

**DIAMETER:** 0.117  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 7/.0192 TC LHL

**Style:** UL: AWM 3071/3231 SF-2 CSA: SEW-2

**Insulation:** Braided Silicone

**Print Legend:** 16 AWG (1.31mm<sup>2</sup>) E30071 (PLANT ID CODE) (UL) TYPE SF-2 OR AWM 3071/3231 200C 600V -- 156205 CSA SEW-2 200C 600V FT1

**Voltage:** 600V

**Temperature:** 200C

- Notes:**
1. Diameter shown is OD under braid.
  2. The OD over the braid is approximately 0.126".

This product complies with European Directive 2011/65/EU (RoHS 2)

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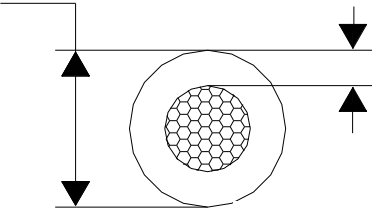
DATE	REV	ECN	DESCRIPTION
4/10/2007	C	16655	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18252-

**Description:** 18 7/.0152 TC AWM 3122 SF-1 SEW-1  
Braided Silicone

**DIAMETER:** 0.080  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 7/.0152 TC LHL

**Style:** UL: AWM 3122 SF-1 CSA: SEW-1

**Insulation:** Braided Silicone

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E30071 (PLANT ID CODE) (UL) TYPE SF-1 OR AWM 3122 200C 300V -- 156205 CSA SEW-1 200C 300V FT1

**Voltage:** 300V

**Temperature:** 200C

- Notes:**
1. Diameter shown is OD under braid.
  2. The OD over the braid is approximately 0.091".

This product complies with European Directive 2011/65/EU (RoHS 2)

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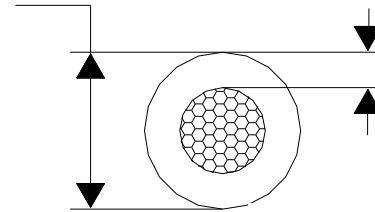
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3/30/2009	C	20869	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18001-

**Description:** 18 7/.0152 TC AWM 3135 AWM I A Braidless Silicone

**DIAMETER:** 0.108  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 7/.0152 TC LHL

**Style:** UL: AWM 3135 CSA: AWM I A

**Insulation:** Silicone Rubber

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3135 200C 600V --- 156205 CSA AWM I A 200C 600V FT2

**Voltage:** 600V

**Temperature:** 200C

**Notes:**

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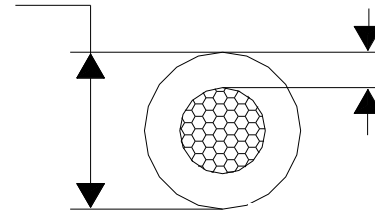
DATE	REV	ECN	DESCRIPTION
9/8/2017	C		Added CSA AWM temp rating.

**PRODUCT SPECIFICATION**

**Parent Number:** F22017-

**Description:** 22 7/30 TPCT AWM 1569 or 1007 or TR-64 or AWM I A/B

**DIAMETER:** 0.062  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 7/30 TPCT LHL

**Style:** UL: AWM 1569 or 1007 CSA: TR-64 or AWM I A/B

**Insulation:** PVC

**Print Legend:** 22 AWG (0.324mm2) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1007 80C 300V VW-1 --- 156205 CSA TR-64 90C FT1 OR AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1007=80C, TR64=90C, AWM I A/B=105C

**Notes:**

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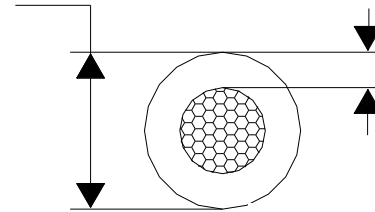
DATE	REV	ECN	DESCRIPTION
4/4/2007	A	16567	SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F01056-

**Description:** 1 7X37/25 MTW OR THHW OR BC-5W2 OR AWM 1232/1284/1338 OR 10269 TEW or AWM I A/B SGT per J1127

**DIAMETER:** 0.521  
**TOLERANCE ± :** 0.010



**MIN AVG WALL:** 0.080  
**MINIMUM WALL:** 0.072

**Stranding:** 7X37/25 BC LHL

**Style:** UL: THHW or MTW or BC-5W2 or AWM 1232/1284/1338 or 10269 CSA: TEW or AWM I A/B SAE: SGT per J1127

**Insulation:** PVC

**Print Legend:** 1 AWG (42.4mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1232/1284/1338 600V OR 10269 1000V OIL RES I SUN RES VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1 -- SAE J1127 TYPE SGT

**Voltage:** 600V or AWM 10269 = 1,000V

**Temperature:** 105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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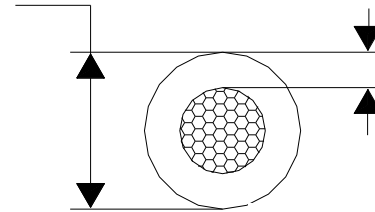
DATE	REV	ECN	DESCRIPTION
8/11/2016	B		Updated approvals & temp ratings.

**PRODUCT SPECIFICATION**

**Parent Number:** F08023-

**Description:** 8 19/.0295 BC MTW or BC-5W2 or THHW or AWM 1011/1028/1231/1344 or 1032 or TEW or AWM I A/B OD 0.247"

**DIAMETER:** 0.247  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.045  
**MINIMUM WALL:** 0.040

**Stranding:** 19/.0295 BC LHL

**Style:** UL: MTW or BC-5W2 or AWM 1011/1028/1231/1344 or 1032  
 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 8 AWG (8.37mm2) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1011/1028/1231/1344 600V OR 1032 1000V MOISTURE RESISTANT OIL RES I SUN RES VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** BC-5W2/1344: DRY=105C WET=75C, MTW: DRY=90C WET=60C, THHW: DRY=90C WET=75C, 1011=80C, 1028=105C, 1231: DRY=105C WET=60C, 1032=90C, TEW/AWM I A/B=105C

**Notes:**

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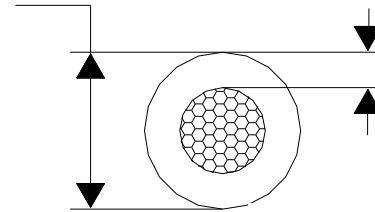
DATE	REV	ECN	DESCRIPTION
7/27/2011	D	#13831	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18309-

**Description:** 18 7/.0152 TC UL XF or AWM 3321 CL1503 or AWM I A

**DIAMETER:** 0.108  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 7/.0152 TC LHL

**Style:** UL: XF or AWM 3321 CSA: CL1503 or AWM I A

**Insulation:** XLPE

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E30071 (PLANT ID CODE) (UL) XF 150C 300V OR AWM 3321 150C 600V -- 156205 CSA CL1503 150C 600V OR AWM I A 150C 600V FT1

**Voltage:** UL: XF = 300V, AWM 3321 = 600V, CSA = 600V

**Temperature:** 150C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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**Customer Part Nbr(s):** \_\_\_\_\_

**Approved By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **Company Name:** \_\_\_\_\_



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DATE	REV	ECN	DESCRIPTION
9/14/2015	G		Updated Low Temp Info.

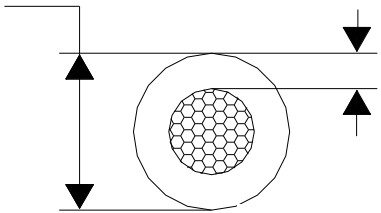
**PRODUCT SPECIFICATION**

**Parent Number:** F12024-

**Description:** 12 65/30 TC MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 TEW or AWM I A/B

**DIAMETER:** 0.151

**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030

**MINIMUM WALL:** 0.027

**Stranding:** 65/30 TC LHL

**Style:** UL: MTW or BC-5W2 or THHW or AWM 1011/1015/1230/1335 or 1032 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 12 AWG (3.31mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW FLEXING OR THHW OR AWM 1011/1015/1230/1335 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1011=80C, 1015=105C, 1032=90C, 1230: DRY=105C WET=60C, MTW/1335: DRY=90C WET=60C, BC-5W2: DRY=105C WET=75C, THHW: DRY=90C WET=75C, TEW/AWM I A/B=105C

- Notes:**
1. Min Temp: -40C
  2. CSA TEW: -30C

This product complies with European Directive 2011/65/EU (RoHS 2)

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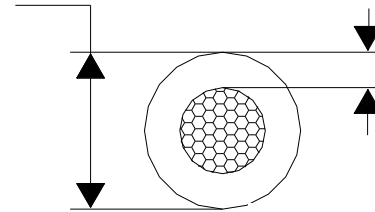
DATE	REV	ECN	DESCRIPTION
8/11/2016	D		Updated approvals & temp ratings.

**PRODUCT SPECIFICATION**

**Parent Number:** F08013-

**Description:** 8 7x19/29 TC MTW or BC-5W2 or AWM  
1011/1028/1231/1344 or 1032 or TEW or  
AWM I A/B OD 0.257"

**DIAMETER:** 0.257  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.045  
**MINIMUM WALL:** 0.040

**Stranding:** 7x19/29 TC LHL

**Style:** UL: MTW or BC-5W2 or AWM 1011/1028/1231/1344 or 1032  
CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 8 AWG (8.37mm2) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1011/1028/1231/1344 600V OR 1032 1000V  
MOISTURE RESISTANT OIL RES I SUN RES VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** BC-5W2/1344: DRY=105C WET=75C, MTW: DRY=90C WET=60C, THHW: DRY=90C WET=75C, 1011=80C, 1028=105C, 1231:  
DRY=105C WET=60C, 1032=90C, TEW/AWM I A/B=105C

**Notes:** 1. Min. Temp Rating = -40C

This product complies with European Directive 2011/65/EU (RoHS 2)

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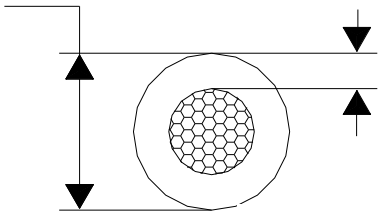
<i>DATE</i>	<i>REV</i>	<i>ECN</i>	<i>DESCRIPTION</i>
10/22/2007	A	18852	SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18302-

**Description:** 18 16/30 TC AWM 3484 AWM I A/B

**DIAMETER:** 0.109  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 16/30 TC LHL

**Style:** UL: AWM 3484 CSA: AWM I A/B

**Insulation:** POE

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3484 125C 600V EP -- 156205 CSA AWM I A/B 125C 600V FT2

**Voltage:** 600V

**Temperature:** 125C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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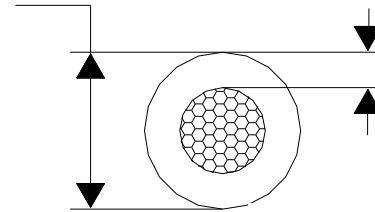
DATE	REV	ECN	DESCRIPTION
6/6/2016	B		Corrected description.

**PRODUCT SPECIFICATION**

**Parent Number:** F20137-

**Description:** 20 10/30 2% Nickel Plated AWM 3135 AWM I  
A Braidless Silicone

**DIAMETER:** 0.103  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 10/30 2% Nickel Plated LHL

**Style:** UL: AWM 3135 CSA: AWM I A

**Insulation:** Silicone Rubber

**Print Legend:** 20 AWG (0.519mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3135 200C 600V --- 156205 CSA AWM I A 200C 600V FT2

**Voltage:** 600V

**Temperature:** 200C

**Notes:**

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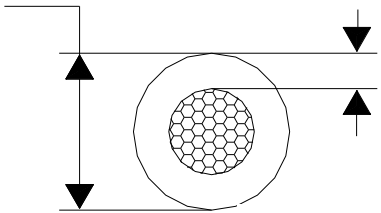
DATE	REV	ECN	DESCRIPTION
11/30/2016	C		UPDATED STYLE

**PRODUCT SPECIFICATION**

**Parent Number:** F24043-

**Description:** 24 Solid TC AWM 1731 AWM I A

**DIAMETER:** 0.040  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.009  
**MINIMUM WALL:** 0.007

**Stranding:** Solid TC

**Style:** UL: AWM 1731 CSA: AWM I A

**Insulation:** PVC

**Print Legend:** 24 AWG (0.205mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1731 105C 300V --- 156205 CSA AWM I A 105C 300V FT1

**Voltage:** 300V

**Temperature:** 105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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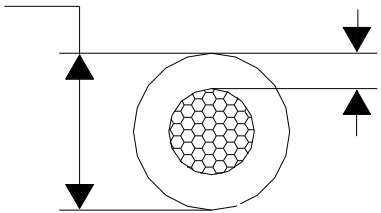
DATE	REV	ECN	DESCRIPTION
2/3/2010	A	21007	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F10137-

**Description:** 10 105/30 TC AWM 1569 or 1581 AWM I A/B

**DIAMETER:** 0.145  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 105/30 TC LHL

**Style:** UL: AWM 1569 or 1581 CSA: AWM I A/B

**Insulation:** PVC

**Print Legend:** 10 AWG (5.261mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1581 80C 300V VW-1 --- 156205 AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1581=80C

**Notes:** 1. Maximum DC Resistance at 20C = 1.11 Ohms/1,000ft per UL 1581.

This product complies with European Directive 2011/65/EU (RoHS 2)

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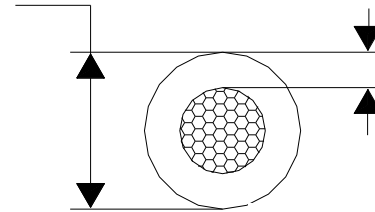
<i>DATE</i>	<i>REV</i>	<i>ECN</i>	<i>DESCRIPTION</i>
9/10/2008	A	20669	SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F10060-

**Description:** 10 105/30 TC MTW or AWM 1060/1276/1329  
TEW or AWM I A/B

**DIAMETER:** 0.280  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.080  
**MINIMUM WALL:** 0.072

**Stranding:** 105/30 TC LHL

**Style:** UL: MTW or AWM 1060/1276/1329 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 10 AWG (5.261mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW OR AWM 1060/1276/1329 600V VW-1 --- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V

**Temperature:** Dry=105C, Wet=60C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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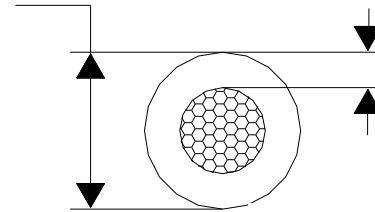
DATE	REV	ECN	DESCRIPTION
6/30/2017	C		Added CSA AWM temp rating.

**PRODUCT SPECIFICATION**

**Parent Number:** F14075-

**Description:** 14 41/30 TC AWM 1569 or 1581 TR-64 or AWM I A/B OD 0.111"

**DIAMETER:** 0.111  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 41/30 TC LHL

**Style:** UL: AWM 1569 or 1581 CSA: TR-64 or AWM I A/B

**Insulation:** PVC

**Print Legend:** 14 AWG (2.08mm2) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1581 80C 300V VW-1 --- 156205 CSA TR-64 90C FT1 OR AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1581=80C, TR-64=90C, AWM I A/B=105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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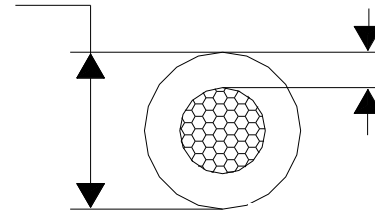
DATE	REV	ECN	DESCRIPTION
11/7/2016	B		ADDED CSA AWM TEMP RATING.

**PRODUCT SPECIFICATION**

**Parent Number:** F20027-

**Description:** 20 10/30 BC AWM 1569 or 1007 or TR-64 or AWM I A/B

**DIAMETER:** 0.067  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 10/30 BC LHL

**Style:** UL: AWM 1569 or 1007 CSA: TR-64 or AWM I A/B

**Insulation:** PVC

**Print Legend:** 20 AWG (0.519mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1007 80C 300V VW-1 --- 156205 CSA TR-64 90C FT1 OR AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1007=80C, TR64=90C, AWM I A/B=105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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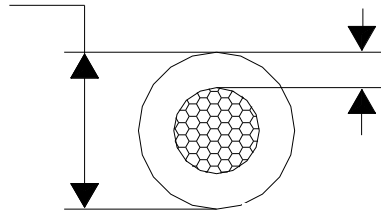
DATE	REV	ECN	DESCRIPTION
7/25/2011	B	#13832	SPECIFICATION UPDATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18415-

**Description:** 18 16/30 TC AWM 3199 CL 1252 OD 0.080"

**DIAMETER:** 0.080  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 16/30 TC LHL

**Style:** UL: AWM 3199 CSA: CL 1252

**Insulation:** XLPE

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3199 105C 300V -- 156205 CSA CL1252 125C 300V

**Voltage:** 300V

**Temperature:** UL=105C, CSA=125C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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DATE	REV	ECN	DESCRIPTION
10/27/2015	B		SPECIFICATION UPDATED

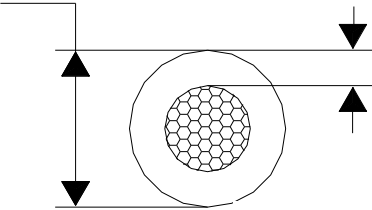
**PRODUCT SPECIFICATION**

**Parent Number:** F16068-

**Description:** 16 7/.0192 BC AWM  
 1015/1230/1011/1335/1032 TEW or AWM I  
 A/B OD 0.120"

**DIAMETER:** 0.120

**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030

**MINIMUM WALL:** 0.027

**Stranding:** 7/.0192 BC LHL

**Style:** UL: AWM 1011/1015/1230/1335 or 1032 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 16 AWG (1.31mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1015/1230 105C or 1011 80C or 1335 90C 600V or 1032 90C 1000V VW-1 --- 156205 CSA TEW 105C 600V FT1 or AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** 1015=105C, 1230: DRY=105C WET=60C, 1011=80C, 1032=90C, 1335: DRY=90C WET=60C; TEW/AWM I A/B=105C

**Notes:**

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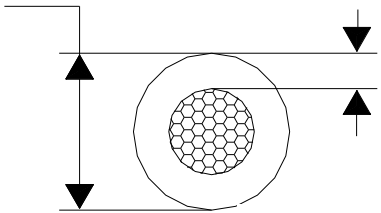
DATE	REV	ECN	DESCRIPTION
12/11/2015	K		Added information for AWM 3271.

**PRODUCT SPECIFICATION**

**Parent Number:** F18285-

**Description:** 18 16/30 TC AWM 3321 or 3505 or 3289 or 3271 VW-1 CL1503 or AWM I A

**DIAMETER:** 0.108  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 16/30 TC LHL

**Style:** UL: AWM 3321 or 3505 or 3289 or 3271 VW-1 CSA: CL1503 or AWM I A

**Insulation:** XLPE

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3289/3321/3505 150C OR 3271 125C 600V AC 750V DC VW-1 -- 156205 CSA CL1503 150C 600V OR AWM I A 150C 600V FT1 -- MADE IN USA

**Voltage:** UL=600Vac 750Vdc

**Temperature:** 150C; 3271=125C

**Notes:** 1. Bend Radius: 4 times the cable diameter for permanent bend and 8 times for flexing applications

This product complies with European Directive 2011/65/EU (RoHS 2)

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**Approved By:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
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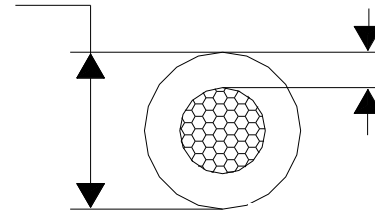
DATE	REV	ECN	DESCRIPTION
11/29/2012	B	#14577	UPDATED PRINT

**PRODUCT SPECIFICATION**

**Parent Number:** F08155-

**Description:** 8 19/ULCOMBO BC AWM 1384/1308 TEW or AWM I A/B

**DIAMETER:** 0.345  
**TOLERANCE ± :** 0.005



**MIN AVG WALL:** 0.095  
**MINIMUM WALL:** 0.086

**Stranding:** 19/ULCOMBO BC LHL

**Style:** UL: AWM 1384/1308 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 8 AWG (8.37mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1384/1308 105C 600V VW-1 -- 156205 CSA TEW 105C 600V FT1 or AWM I A/B 105C 600V FT1

**Voltage:** 600V

**Temperature:** 105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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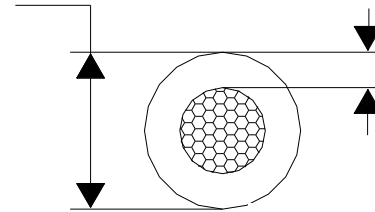
DATE	REV	ECN	DESCRIPTION
9/25/2015	B		CHG NOM OD TO 0.065".

**PRODUCT SPECIFICATION**

**Parent Number:** F20057-

**Description:** 20 Solid TC AWM 1569 or 1007 TR-64 or AWM I A/B OD 0.064"

**DIAMETER:** 0.065  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 20 SOLID TC

**Style:** UL: AWM 1569 or 1007 CSA: TR-64 or AWM I A/B

**Insulation:** PVC

**Print Legend:** 20 AWG (0.519mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 1569 105C OR 1007 80C 300V VW-1 --- 156205 CSA TR-64 90C FT1 OR AWM I A/B 105C 300V FT1

**Voltage:** 300V

**Temperature:** 1569=105C, 1007=80C, TR64=90C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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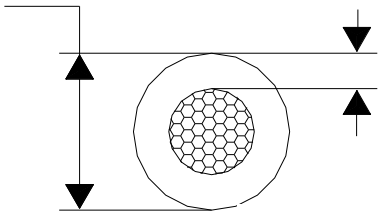
DATE	REV	ECN	DESCRIPTION
3/22/2016	B		Updated voltage & temp info.

**PRODUCT SPECIFICATION**

**Parent Number:** F16415-

**Description:** 16 26/30 TC AWM 3289/3321/3505 or 3271 or 3320 VW-1 CL1503 or AWM I A

**DIAMETER:** 0.119  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 26/30 TC

**Style:** UL: AWM 3271/3289/3320/3321/3505 CSA: CL1503 or AWM I A

**Insulation:** XLPE

**Print Legend:** 16 AWG (1.31mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3289/3321/3505 150C or 3271 125C or 3320 90C 600V AC 750V DC VW-1 -- 156205 CSA CL1503 150C 600V or AWM I A 150C 600V FT1 -- MADE IN USA

**Voltage:** UL=600Vac 750Vdc, CSA=600V

**Temperature:** 3289/3321/3505=150C, 3271=125C, 3320=90C, CL1503 & AWM I A=150C

**Notes:** 1. Min Temp Rating: -40C

This product complies with European Directive 2011/65/EU (RoHS 2)

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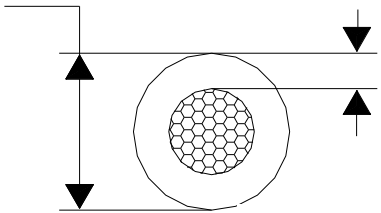
<i>DATE</i>	<i>REV</i>	<i>ECN</i>	<i>DESCRIPTION</i>
2/1/2013	A	E23838	SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18478-

**Description:** 18 65/36 TC MTW or AWM 1056/1275 TEW  
or AWM I A/B OD 0.168"

**DIAMETER:** 0.168  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

**Stranding:** 65/36 TC LHL

**Style:** UL: MTW or AWM 1056/1275 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 18 AWG (0.823mm2) E51583 (PLANT ID CODE) (UL) MTW FLEXING OR AWM STYLE 1056/1275 600V VW-1 -- 156205 CSA TYPE TEW 105C 600V FT1 OR AWM I A/B105C 600V FT1

**Voltage:** 600V

**Temperature:** Dry=105C, Wet=60C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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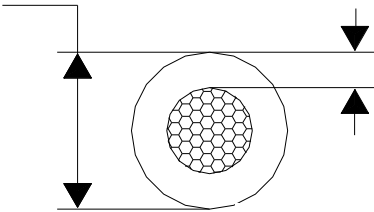
DATE	REV	ECN	DESCRIPTION
6/19/2014	B	E28578	ADDED P/N

**PRODUCT SPECIFICATION**

**Parent Number:** F10226-

**Description:** 10 7/.0385 TC AWM 3321 or 3505 or 3289 or 3271 CL1503 or AWM I A

**DIAMETER:** 0.187  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 7/.0385 TC LHL

**Style:** UL: AWM 3321 or 3505 or 3289 or 3271 CSA: CL1503 or AWM I A

**Insulation:** XLPE

**Print Legend:** 10 AWG (5.261mm2) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3289/3321/3505 150C OR 3271 125C 600V AC 750V DC -- 156205 CSA CL1503 150C 600V OR AWM I A 150C 600V FT1 -- MADE IN USA

**Voltage:** UL=600Vac 750Vdc

**Temperature:** 150C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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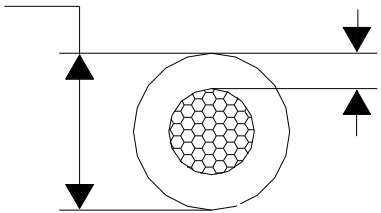
<i>DATE</i>	<i>REV</i>	<i>ECN</i>	<i>DESCRIPTION</i>
10/18/2013	A		SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F20131-

**Description:** 20 7X15/40 TC AWM 3133 AWM I A/B  
Braidless Silicone

**DIAMETER:** 0.102  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 7X15/40 TC LHL

**Style:** UL: AWM 3133 CSA: AWM I A/B

**Insulation:** Silicone Rubber

**Print Legend:** 20 AWG (0.519mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3133 150C 600V - - - 156205 CSA AWM I A/B 150C 600V FT2

**Voltage:** 600V

**Temperature:** 150C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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DATE	REV	ECN	DESCRIPTION
8/11/2016	B		Updated approvals & temp ratings.

**PRODUCT SPECIFICATION**

**Parent Number:** F08014-

**Description:** 8 7x24/30 TC MTW or BC-5W2 or AWM  
1011/1028/1231/1344 or 1032 or TEW or  
AWM I A/B

**Stranding:** 7x24/30 TC LHL

**Style:** UL: MTW or BC-5W2 or AWM 1011/1028/1231/1344 or 1032  
CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 8 AWG (8.37mm<sup>2</sup>) E69567 (PLANT ID CODE) (UL) BC-5W2 OR MTW OR THHW OR AWM 1011/1028/1231/1344 600V OR 1032 1000V  
MOISTURE RESISTANT OIL RES I SUN RES VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** 600V, 1032=1000V

**Temperature:** BC-5W2/1344: DRY=105C WET=75C, MTW: DRY=90C WET=60C, THHW: DRY=90C WET=75C, 1011=80C, 1028=105C, 1231:  
DRY=105C WET=60C, 1032=90C, TEW/AWM I A/B=105C

**Notes:**

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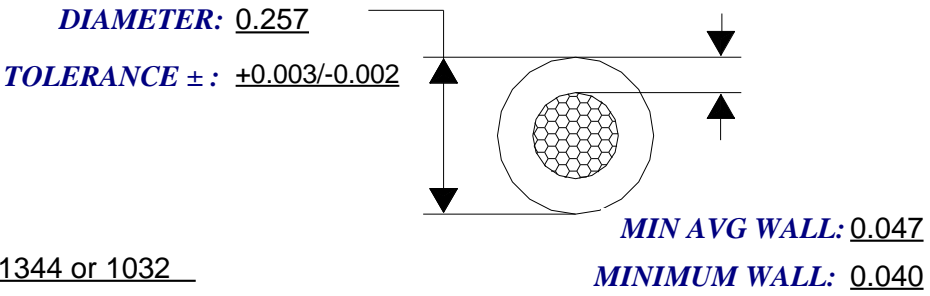
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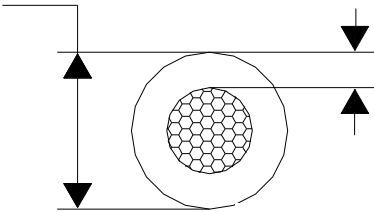
DATE	REV	ECN	DESCRIPTION
04/29/14	A		SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F18486-

**Description:** 18 16/30 TC UL XFF or AWM 3321 CL1503 or AWM I A

**DIAMETER:** 0.110  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 16/30 TC LHL

**Style:** UL: UL XFF or AWM 3321 CSA: CL1503 or AWM I A

**Insulation:** XLPE

**Print Legend:** 18 AWG (0.823mm<sup>2</sup>) E30071 (PLANT ID CODE) (UL) XFF 150C 300V OR AWM 3321 150C 600V -- 156016 CSA CL1503 150C 600V OR AWM I A 150C 600V FT1

**Voltage:** UL=600Vac 750Vdc, CSA=600V

**Temperature:** 150C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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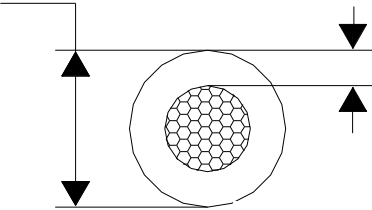
DATE	REV	ECN	DESCRIPTION
11/19/2015	B		Updated UL & CSA file numbers.

**PRODUCT SPECIFICATION**

**Parent Number:** F22181-

**Description:** 22 7/.0096 BC AWM 3321 or 3505 or 3289 or 3271 or 3173 VW-1 CL1503 or AWM I A

**DIAMETER:** 0.090  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 7/.0096 BC LHL

**Style:** UL: AWM 3321 or 3505 or 3289 or 3271 or 3173 VW-1 CSA: CL1503 or AWM I A

**Insulation:** XLPE

**Print Legend:** 22 AWG (0.324mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3289/3321/3505 150C OR 3271/3173 125C 600V AC 750V DC VW-1 -- 156205 CSA CL1503 150C 600V OR AWM I A 150C 600V FT1 -- MADE IN USA

**Voltage:** UL=600Vac 750Vdc, CSA=600V

**Temperature:** 150C, 3271/3173=125C

**Notes:**

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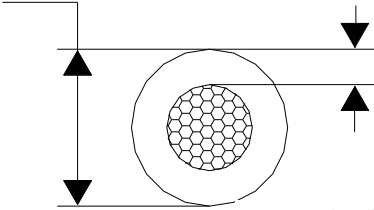
DATE	REV	ECN	DESCRIPTION
10/25/2016	A		SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F14282-

**Description:** 14 41/30 TC 1 1/2" UL XFF/AWM 3321  
CL1503/AWM I A

**DIAMETER:** 0.136  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.031  
**MINIMUM WALL:** 0.027

**Stranding:** 41/30 TC LHL

**Style:** UL: XFF or AWM 3321 CSA: CL1503 or AWM I A

**Insulation:** XLPE

**Print Legend:** 14 AWG (2.08mm<sup>2</sup>) E30071 (PLANT ID CODE) (UL) XFF 150C 300V OR AWM 3321 150C 600V -- 156205 CSA CL1503 150C 600V OR AWM I A 150C 600V FT1

**Voltage:** UL: XFF = 300V, 3321 = 600V; CSA: 600V

**Temperature:** UL: 150C; CSA 150C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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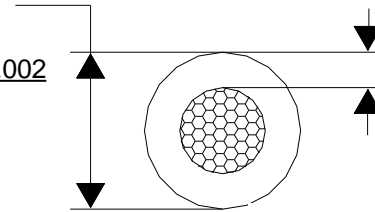
DATE	REV	ECN	DESCRIPTION
10/24/2016	A		SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F14072-

**Description:** 14 19/.0147 BC MTW or AWM 1028/1231  
TEW or AWM I A/B

**DIAMETER:** 0.172  
**TOLERANCE ± :** +0.003/-0.002



**MIN AVG WALL:** 0.045  
**MINIMUM WALL:** 0.040

**Stranding:** 19/.0147 BC LHL

**Style:** UL: MTW or AWM 1028 or 1231 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 14 AWG (2.08mm2) E51583 (PLANT ID CODE) (UL) MTW OR AWM 1028 OR 1231 600V VW-1 -- 156205 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** UL: 600V; CSA: 600V

**Temperature:** 105C

**Notes:**

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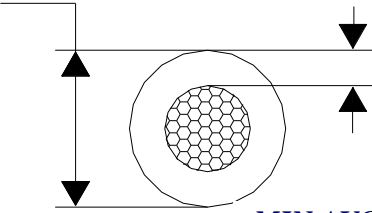
DATE	REV	ECN	DESCRIPTION
10/24/2016	A		SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F16038-

**Description:** 16 26/30 TC AWM 1056/1275

**DIAMETER:** 0.179  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.060  
**MINIMUM WALL:** 0.054

**Stranding:** 26/30 TC LHL

**Style:** UL: MTW or AWM 1056 or 1275 CSA: TEW or AWM I A/B

**Insulation:** PVC

**Print Legend:** 16 AWG (1.31mm<sup>2</sup>) E51583 (PLANT ID CODE) (UL) MTW FLEXING OR AWM STYLE 1056/1275 600V VW-1 -- 156205 CSA TYPE TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

**Voltage:** UL: 600V; CSA: 600V

**Temperature:** 105C

**Notes:**

This product complies with European Directive 2011/65/EU (RoHS 2)

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**Customer Approval:**

**Customer Part Nbr(s):** \_\_\_\_\_

**Approved By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **Company Name:** \_\_\_\_\_



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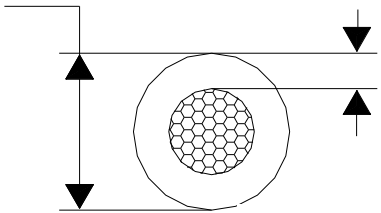
DATE	REV	ECN	DESCRIPTION
1/5/2017	A		SPECIFICATION CREATED

**PRODUCT SPECIFICATION**

**Parent Number:** F14054-

**Description:** 14 Solid TC Type SF-2 or AWM 3071/3231 or SEW-2

**DIAMETER:** 0.130  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** Solid TC

**Style:** UL: SF-2 or AWM 3071 or AWM 3231 CSA: SEW-2

**Insulation:** Braided Silicone

**Print Legend:** 14 AWG (2.08mm<sup>2</sup>) E30071 (PLANT ID CODE) (UL) TYPE SF-2 OR AWM 3071/3231 200C 600V -- 156205 CSA SEW-2 200C 600V FT1

**Voltage:** 600V

**Temperature:** 200C

- Notes:**
1. Diameter shown is OD under braid.
  2. OD over the braid is approximately 0.140"

This product complies with European Directive 2011/65/EU (RoHS 2)

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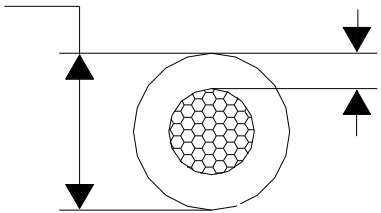
DATE	REV	ECN	DESCRIPTION
3/9/2017	B	E37247	ADDED P/N.

**PRODUCT SPECIFICATION**

**Parent Number:** F22082-

**Description:** 22 7/30 2% Nickel Plated AWM 3122 or AWM I A/B Braided Silicone

**DIAMETER:** 0.062  
**TOLERANCE ± :** 0.002



**MIN AVG WALL:** 0.015  
**MINIMUM WALL:** 0.013

**Stranding:** 7/30 2% Nickel Plated Copper

**Style:** UL: AWM 3122 CSA: AWM I A/B

**Insulation:** Braided Silicone

**Print Legend:** 22 AWG (.324mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3122 200C 300V FT2 -- 156205 CSA AWM I A/B 200C 300V FT2

**Voltage:** 300V

**Temperature:** 200C

- Notes:**
1. Diameter shown is OD under braid.
  2. The OD over the braid is approximately 0.073".

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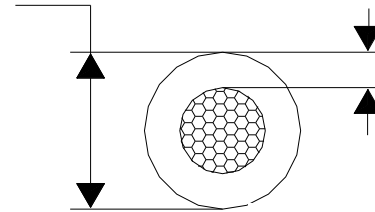
DATE	REV	ECN	DESCRIPTION
12/14/2017	B		ADDED P/N.

**PRODUCT SPECIFICATION**

**Parent Number:** F22085-

**Description:** 22 Solid TC AWM 3172 or AWM I A/B

**DIAMETER:** 0.089  
**TOLERANCE ± :** 0.003



**MIN AVG WALL:** 0.030  
**MINIMUM WALL:** 0.027

**Stranding:** 22 Solid TC

**Style:** UL: AWM 3172 CSA: AWM I A/B

**Insulation:** Braided Silicone

**Print Legend:** 22 AWG (0.324mm<sup>2</sup>) E57498 (PLANT ID CODE) (AWM LOGO) AWM 3172 200C 600V -- 156205 CSA AWM I A/B 200C 600V FT2

**Voltage:** 600V

**Temperature:** 200C

- Notes:**
1. Diameter shown is the OD under the braid.
  2. The OD over the braid is approximately 0.100".

This product complies with European Directive 2011/65/EU (RoHS 2)

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