

Appliance Wire - AWM Style 3591

105°C, 1000 Volts, Flexible Stranded Tinned Copper, CSPE Insulation, VW-1



Image not to scale. See Table 1 for Dimensions

CONSTRUCTION:

- Conductors:** 10 AWG - 8 AWG Flexible, Bunch-Stranded Tinned Copper per ASTM B33, B174
4 AWG - 500 KCMIL: Flexible, Rope-Lay Tinned Copper per ASTM B33, B173
- Insulation:** Black, Chlorosulfonated Polyethylene (CSPE)

APPLICATIONS AND FEATURES:

Southwire AWM Style 3591 can be used in appliances, or for transformer & motor lead wire.

SPECIFICATIONS:

- ASTM B3, B33, B173, B174
- UL 758 - AWM Style 3591
- UL 1581 - Vertical Flame Test
- CSA 22.2 No. 127 - CL1053

SAMPLE PRINT LEGEND:

SOUTHWIRE® E57498 #P# XX AWG (XX mm²) RU AWM STYLE 3591 105°C 1000V VW-1 ---- CSA LL90458 TYPE CL1053
600V FT1 RoHS

TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	Cond. Size	Strands & ASTM Class	Insulation Thickness (mils)	Nominal OD (mils)	Nominal Weight (Lbs/Mft)
573858xx	10	104 - Class K	60	248	57
570394xx	8	84 - Class J	80	345	98
570321xx	4	133 - Class H	80	424	191
570389xx	2	259 - Class H	80	508	286
570381xx	1	259 - Class H	95	565	359
571393xx	1/0	259 - Class H	95	625	441
570324xx	2/0	259 - Class H	95	665	544
570319xx	3/0	259 - Class H	95	715	692
570395xx	4/0	259 - Class H	95	800	846
570316xx	250	259 - Class G	110	890	1002
570396xx	350	259 - Class G	110	1000	1350
570399xx	500	259 - Class G	110	1165	1863

All dimensions are nominal and subject to normal manufacturing tolerances



Southwire Company, LLC | One Southwire Drive, Carrollton, GA 30119 | www.southwire.com

Copyright © 2016 Southwire Company, LLC. All Rights Reserved



Southwire®

OEMCS2017075 DATE: 1/3/2020 Rev: 0