

For more Information
please call

1-800-Belden1



General Description:

Neoprene insulation has good heat aging characteristics and is an excellent low-cost motor lead wire. It may be considered for use in hazardous locations and is being used in explosion-proof motors recognized by UL.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	14	41x30	TC - Tinned Copper

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
Neoprene	1.143

Overall Insulation

Overall Cable

Overall Nominal Diameter: 4.293 mm

Mechanical Characteristics (Overall)

Non-UL Temperature Rating: 90°C

Recommended Maximum Baking Cycles: 24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL AWM Style:	3046
UL Rating:	600 V, 90°C
CSA Rating:	600 V, 90°C
CSA Type:	CL903
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
31514 0024000	4,000 FT	108.000 LB	RED	C I U	#14 STR CR 90C 600V RED
31514 0044000	4,000 FT	108.000 LB	YELLOW	C I U	#14 STR CR 90C 600V YEL
31514 005500	500 FT	13.500 LB	GREEN, DARK	F	#14 STR CR 90C 600V DGRN
31514 009500	500 FT	13.500 LB	WHITE	F	#14 STR CR 90C 600V WHT
31514 0104000	4,000 FT	108.000 LB	BLACK	C I U	#14 STR CR 90C 600V BLK
31514 010500	500 FT	13.500 LB	BLACK	F	#14 STR CR 90C 600V BLK

Notes:

METRIC MEASUREMENT VERSION

31514 Hook-up/Lead - UL AWM Style 3046

C = CABLE REEL PICK-UP.

F = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'

I = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'

U = TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10000' PER COLORCOMBINATION. (SEE TOPCOAT ADDER TABLE)

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