



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
Toll-Free (800) 323-9355
Fax: (847) 689-1192

PART NUMBER: 41103
DESCRIPTION: 14 AWG MTW CABLE
CONSTRUCTION: This cable consists of one bare copper conductor with integral insulation and jacket.
APPROVALS: UL Standard 1063 and Subject 758, CSA 22.2 No. 210.
APPLICATION: Machine Tool Wire, Appliance Wiring Material, and Equipment Wire

Construction Parameters:

Conductor	14 AWG Bare Copper
Stranding	41/30
Insulation Material	PVC
Insulation Thickness	0.031" Nom.
Insulated Conductor Diameter	0.136" Nom.
Approximate Cable Weight	18.8 Lbs/1M' Nom.
Flame Rating	VW-1 or FT1 Vertical Flame Test

Electrical Properties:

Temperature Rating	-30°C to 105°C Dry 60°C Oil 60°C Water
Operating Voltage	600 V RMS Max., 1000V AWM Style 1032
DC Resistance per Conductor @ 20°C	2.53 Ohms/1M' Nom.
Ampacity per NFPA 79 Table 12.5.1*	22 Amps Max.

Insulation/Jacket Color	Colors vary - Consult factory for availability.
Legend (Surface Ink Print)	E175040 14 AWG (2.08mm ²) (UL) MTW OR BC-5W2 OR THHW OR AWM 1011/1015/1230/1335 600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 182067 CSA TEW 105C 600V FT1 OR AWM I A/B 105C 600V FT1

This product complies with European Directive 2002/95/EC (RoHS)

* Ampacities converted to 105C ampacity using 60C cable temperature and 30C ambient from NFPA 79 Table 12.5.1.

Final determination of wire size/ampacity will be governed by local jurisdiction.

Ampacities are provided for engineering information only. Coleman cannot recommend or express the use of this ampacity.

On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.

The information presented here is, to the best of our knowledge, true and accurate. Since conditions of use are beyond Coleman Cable's control all product data presented is for informational purposes only and does not create a binding obligation or liability on Coleman Cable or confer any rights on any customer. The sale of products(s) is conditioned upon acceptance of a purchase order subject to Coleman Cable's standard terms and conditions contained therein, including without limitation Coleman Cable's standard warranty. Coleman cable disclaims all liability in connection with the use of information contained herein or otherwise.

This specification is proprietary intellectual property of Coleman Cable. Any information contained herein shall not be disclosed to any party without written consent of Coleman Cable.

Customer Name _____

Customer Approval _____

Specification Issue Date: October 25, 2007