



US North Central  
 5001 S. Towne Drive  
 New Berlin, WI 53151  
 800-344-2323  
[www.IEWC.com](http://www.IEWC.com)

# Specification

Issue Date: 1/14/2014

Issue: 2

Updated UL Style

## Construction

<b>Description:</b>	1 Pair 24 (7) SR-PVC / TPV Medical Grade			<b>Diam. (In)</b>								
Component:	2 Conductors (1 Pair)											
Conductor:	24 7/32 TC to ASTM B 33-74			0.024"								
Insulation:	0.01" SR PVC			0.044"								
<b>Color Code:</b>	<table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Cond</th> <th>Color</th> <th>Cond</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>White</td> <td>2</td> <td>Black</td> </tr> </tbody> </table>				Cond	Color	Cond	Color	1	White	2	Black
Cond	Color	Cond	Color									
1	White	2	Black									
Assembly:	2 Conductors Bunched Cabled			0.088"								
Tape:	Optional Non-Woven Separator Tape for Strip-Ability			0.091"								
Jacket:	0.03"	Santoprene TPV		0.151"								
Jacket Color:	Black			0.151"								
Print:	E174416 RU AWM 20327 105°C 300V cUR AWM IA 105°C 3 00V											
<b>Specifications:</b>	<p>UL AWM - 20327 105°C 300 Volt</p> <p>Canadian cRU AWM 105°C 300 Volt</p>											
<b>Environmental Compliance</b>	<p>EU Directive 2002/95/EC(RoHS):          All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment.</p> <p>REACH Regulation (EC 1907/2006):          This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item.</p> <p>California Prop 65:          The outer surface materials used in the manufacture of this part meet the requirements of California Prop. 65.</p>											



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## **Drawing/Rotation:**

### **Product Description**

**A soft, colorable, specialty, non-hygroscopic thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. It is designed for use in medical and healthcare applications. It is polyolefin based and completely recyclable.**

### **Key Features**

- . **This grade meets the USP (U.S. Pharmacopeia) Class VI requirements for plastics.**
- . **Additionally some ISO 10993 tests have been conducted.**
- . **Each medical grade undergoes annual testing for cytotoxicity and heavy metals.**
- . **Drug master file maintained with the FDA.**
- . **R0HS compliant.**