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Registered to ISO9001 and TS16949  
Schiller Park, IL 60176  
Reference No. 10000854  
Tucson, AZ 85714  
Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#12 65/30 TC 1/32" PVC**

**RoHS COMPLIANT**

**MACHINE TOOL WIRE MTW 600 VOLTS**

**BOAT CABLE & AWM STYLES 1015 & 1230 105c-600v OR  
AWM 1032 90c-1,000v OR AWM 1013 & 1011 & 1335 90c-600v  
CSA TEW OR AWM 1 A/B 105c-600v  
CSA OIL & WATER RESISTANT 75c FT-1**

**CONDUCTOR:** #12 65/30 TINNED COPPER 1-1/2" LAY BUNCHED  
APPROXIMATE NOMINAL O.D. .095"  
APPROXIMATE CIRCULAR MILL AREA 6,500  
WEIGHT PER THOUSAND FEET 20.40#  
BASIC SPECIFICATION ASTM B 174

**PVC:** TEMPERATURE RATING 105c  
VOLTAGE RATING 600V  
ELONGATION 330% AVERAGE  
TENSILE STRENGTH 2450 PSI AVERAGE  
SPECIFIC GRAVITY 1.32  
DUROMETER (SHORE) 91 (A)  
OXYGEN INDEX 28  
BRITTLE POINT -24c  
SPARK TESTED 10,000 VOLTS  
FINISHED O.D. .157"  
WEIGHT PER THOUSAND FEET 27.78#

**USE:** INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING  
OF APPLIANCES WHERE EXPOSED TO OIL AT A  
TEMPERATURE NOT EXCEEDING 60c.

UL 1230, 1335 – MOISTURE RATING 60c  
UL 1011, 1013, 1015, 1335 – 2,500v PEAK FOR  
ELECTRONIC USE ONLY.  
UL 1032 – 3,500v PEAK FOR ELECTRONIC USE ONLY