



® **ATLAS WIRE LLC.**  
1601 Glenlake Av.  
Itasca, ILLINOIS 60143  
(847) 678-1210  
(847) 678-1281  
www.atlaswirecorp.com



Atlas Wire, LLC  
Registered to ISO9001:2015  
and IATF 16949:2016  
Itasca, IL 60143  
Reference No. 10000854



Atlas Wire, LLC  
Registered to ISO9001:2015  
Tucson, AZ 85714  
Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#08 133/29 TINNED COPPER 3/64" PVC**  
**RoHS COMPLIANT**  
**MACHINE TOOL WIRE**  
**UL 1015/1028/1231/1336/1344 600v**  
**UL 1032 1000v**  
**CSA TEW or AWM**

**CONDUCTOR:** #08 7x19/29 TC ROPE LAY CONDUCTOR  
APPROXIMATE NOMINAL O.D. .166"  
APPROXIMATE CIRCULAR MILL AREA 17,000  
WEIGHT PER THOUSAND FEET 52.20#  
BASIC SPECIFICATION ASTM B 173

**PVC:** TEMPERATURE RATING 105c  
VOLTAGE RATING 600 VOLTS  
ELONGATION 320% AVERAGE  
TENSILE STRENGTH 2450 PSI AVERAGE  
SPECIFIC GRAVITY 1.34  
DUROMETER (SHORE) 85 (A)  
OXYGEN INDEX 25  
BRITTLE POINT -25c  
SPARK TESTED 12,500 VOLTS  
NOMINAL O.D. .259"  
WEIGHT PER THOUSAND FEET 71.20#

**USE:** INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 105 DEG C: OR WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60 DEG C. MOISTURE RESISTANT 60C. 2500 VOLTS PEAK – FOR ELECTRONIC USE ONLY.