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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

**#12 65/30 TC 4/64" PVC**  
**RoHS COMPLIANT**  
**MACHINE TOOL WIRE 600V N.E.C. STANDARD &**  
**AWM STYLES 1056 & 1275 105C – 600V VW-1 MOISTURE RESISTANT 60C**  
**& CSA TEW OR AWM I A/B 105C-600V FT1**

**CONDUCTOR:** #12 65/30 TC 1-1/2" 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 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. .218"  
WEIGHT PER THOUSAND FEET 38.60#

**USE:** INTERNAL WIRING OF REFRIGERATING EQUIPMENT AND  
WHERE EXPOSED TO OIL AT A TEMPERATURE NOT  
EXCEEDING 60.