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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

#14 41/30 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: #14 41/30 TC 1-1/2" BUNCHED
APPROXIMATE NOMINAL O.D. .075"
APPROXIMATE CIRCULAR MILL AREA 4,100
WEIGHT PER THOUSAND FEET 12.80#
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. .198"
WEIGHT PER THOUSAND FEET 28.70#

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