



ATLAS WIRE LLC.
9525 RIVER STREET
SCHILLER PARK, ILLINOIS 60176
(847) 678-1210
(847) 678-1281 FAX
www.atlaswirecorp.com



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

MATERIAL SPECIFICATION SHEET

#24 19/36 TINNED COPPER 1/64" PVC
RoHS COMPLIANT
AWM STYLE 1569 105c-300v
AWM STYLE 1007 80c-300v VW-1 OR
CSA TR 64 90c OR CSA AWM 1 A/B 105c-300v FT-1

CONDUCTOR: #24 19/36 TINNED COPPER 3/8" UNILAY
NOMINAL O.D. .0240"
APPROXIMATE CIRCULAR MILL AREA 475
WEIGHT PER THOUSAND FEET 1.50#
BASIC SPECIFICATION ASTM B-8
ASTM B-286

PVC: TEMPERATURE RATING UL1007 80c
UL1569 105c
VOLTAGE RATING 300 VOLTS
ELONGATION 330% AVERAGE
TENSILE STRENGTH 2450 PSI AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 91 (A)
OXYGEN INDEX 28
BRITTLE POINT -24c
SPARK TESTED 7,100 VOLTS
FINISHED OD .056"
WEIGHT PER THOUSAND FEET 2.71#

USE: INTERNAL WIRING OF APPLIANCES; OR WHERE
EXPOSED TO OIL AT TEMPERATURES NOT EXCEEDING
60c. WHERE NOT SUBJECT TO MOVEMENT OR
MECHANICAL DAMAGE.
600v PEAK FOR ELECTRONIC USE ONLY.

info@atlaswirecorp.com

Revision 04-08-16