



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

#10 105/30 TINNED COPPER 1/64" PVC
RoHS COMPLIANT
AWM STYLE 1569 105c-300v
AWM STYLE 1581 80c-300v VW-1 OR
CSA TR 64 90c OR AWM 1 A/B 105c-300v FT-1

CONDUCTOR: #10 105/30 TINNED COPPER 2" BUNCHED LAY
 NOMINAL O.D. .121"
 APPROXIMATE CIRCULAR MILL AREA 10,500
 WEIGHT PER THOUSAND FEET 32.20#
 BASIC SPECIFICATION ASTM B 174

PVC:

TEMPERATURE RATING	UL1581 80c UL1569 105c
VOLTAGE RATING	300 VOLTS
ELONGATION	330% AVERAGE
SPECIFIC GRAVITY	1.32
DUROMETER (SHORE)	91 (A)
TENSILE STRENGTH	2450 PSI AVERAGE
OXYGEN INDEX	28
BRITTLE POINT	-24c
SPARK TESTED	5,000 VOLTS
FINISHED OD	.153"
WEIGHT PER THOUSAND FEET	36.34#

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