



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 19/0234 BARE COPPER 3/64" PVC  
RoHS COMPLIANT  
MACHINE TOOL WIRE 600v OR  
AWM STYLE 1028 105c-600v OR  
CSA TEW 105c-600v OR AWM 1 A/B 105c-600v**

<b>CONDUCTOR:</b>	#10 19/0234 BARE COPPER 1-1/2" UNILAY APPROXIMATE NOMINAL O.D.	.116"
	APPROXIMATE CIRCULAR MILL AREA	10,404
	WEIGHT PER THOUSAND FEET	32.02#
	BASIC SPECIFICATION	ASTM B 8 ASTM B 286
<b>PVC:</b>	TEMPERATURE RATING	105c
	VOLTAGE RATING	600v
	ELONGATION AVERAGE	320%
	SPECIFIC GRAVITY	1.34
	DUROMETER (SHORE)	85 (A)
	TENSILE STRENGTH	2450 PSI
	OXYGEN INDEX	25
	BRITTLE POINT	-25c
	SPARK TESTED	12,500 Volts
	FINISHED O.D.	.209"
	WEIGHT PER THOUSAND FEET	46.30#
<b>USE:</b>	INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c.	