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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

**#10 105/30 TC 3/64" PVC**  
**RoHS COMPLIANT**  
**UL APPLIANCE WIRE STYLES 1028 & 1231 105C – 600V**  
**VW-1 MOISTURE RESISTANT 60C**  
**& CSA TEW 105C–600V FT1**

<b>CONDUCTOR:</b>	#10 105/30 TC 2" BUNCHED	
	APPROXIMATE NOMINAL O.D.	.121"
	APPROXIMATE CIRCULAR MILL AREA	10,500
	WEIGHT PER THOUSAND FEET	32.20#
	BASIC SPECIFICATION	ASTM B 174
<b>PVC:</b>	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.	.214"
	WEIGHT PER THOUSAND FEET	46.92#
<b>USE:</b>	INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 105 DEG C: OR WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60 DEG C. MOISTURE RESISTANT 60C. 2500 VOLTS PEAK – FOR ELECTRONIC USE ONLY.	