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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 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**

<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.	.243"
	WEIGHT PER THOUSAND FEET	53.50#
<b>USE:</b>	INTERNAL WIRING OF REFRIGERATING EQUIPMENT AND WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60.	