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

MATERIAL SPECIFICATION SHEET

**#12 SOLID TC 1/32" PVC
RoHS COMPLIANT**

AWM STYLES 1015 & 1230 105c-600v

**AWM STYLE 1032 90c-1,000v AWM STYLES 1013/1335 90c-600v VW-1
CSA TEW or AWM 1 A/B 105c-600v or CSA TR-32 90c
CSA OIL AND WATER RESISTANT 75c FT1**

CONDUCTOR:	#12 SOLID TINNED COPPER	
	APPROXIMATE NOMINAL O.D.	.081"
	APPROXIMATE CIRCULAR MILL AREA	6,529
	WEIGHT PER THOUSAND FEET	20.0#
	BASIC SPECIFICATION	ASTM B 33
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	600 VOLTS
	ELONGATION	330% AVG
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	TENSILE STRENGTH	2,450 PSI AVG
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	10,000 VOLTS
	FINISHED O.D.	.144"
	WEIGHT PER THOUSAND FEET	26.60#
USE:	INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c.	
UL1230,1335:	MOISTURE RATING 60c.	
UL1032:	3,500v PEAK FOR ELECTRONIC USE ONLY	
UL 1015,1013:	2,500v PEAK FOR ELECTRONIC USE ONLY	