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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

**#22 7/0096 BC 1/32" PVC
RoHS COMPLIANT**

**MACHINE TOOL WIRE 600v N.E.C. STANDARD
AWM STYLES 1015 & 1230 105c-600v AWM 1032 90c-1,000v OR
AWM 1013, 1011, 1335 90c-600v VW-1
CSA TEW 105c-600v FT1 OR TR32 90c FT1 OR AWM I A/B 105c-600v
O & W75c FT1**

CONDUCTOR:	#22 7/0096 BARE COPPER 3/4" CONCENTRIC LAY
	NOMINAL O.D. .029"
	APPROXIMATE CIRCULAR MILL AREA 646
	WEIGHT PER THOUSAND FEET 2.0#
	BASIC SPECIFICATION ASTM B 8 ASTM B 286
PVC:	TEMPERATURE RATING 105c
	VOLTAGE RATING 600v
	ELONGATION 330% AVERAGE
	TENSILE STRENGTH 2450 PSI AVERAGE
	SPECIFIC GRAVITY 1.32
	DUROMETER (SHORE) 91 (A)
	OXYGEN INDEX 28
	SPARK TESTED 10,000 VOLTS
	FINISHED O.D. .091"
	WEIGHT PER THOUSAND FEET 5.51#
USE:	INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c. CSA MOISTURE & OIL RESISTANT 75c. UL 1230, 1335 – MOISTURE RATING 60c UL 1011, 1013, 1015, 1335 – 2,500v PEAK FOR ELECTRONIC USE ONLY UL 1032 – 3,500v PEAK FOR ELECTRONIC USE ONLY

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