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

MATERIAL SPECIFICATION SHEET

#12 19/0185 BC 1/32" PVC
RoHS COMPLIANT

MACHINE TOOL WIRE 600V N.E.C. STANDARD BOAT CABLE &
AWM STYLES 1015 & 1230 105C – 600V OR AWM 1032 90C – 1,000V OR
AWM 1013 & 1011 & 1335 90C – 600V
CSA TEW OR AWM I A/B 105C-600V FT1 CSA OIL & WATER
RESISTANT 75C FT1 CSA TR-32 90c

CONDUCTOR:	#12 19/0185 BARE COPPER 1-1/4" UNILAY	
	NOMINAL O.D.	.091"
	APPROXIMATE CIRCULAR MILL AREA	6,503
	WEIGHT PER THOUSAND FEET	20.11#
	BASIC SPECIFICATION	ASTM B 8 ASTM B 286
PVC:	TEMPERATURE RATING	105C
	VOLTAGE RATING	1000V
	ELONGATION	330%
	TENSILE STRENGTH	2450 PSI
	SPECIFIC GRAVITY	1.32
	DUROMETER DELAYED (SHORE)	91 (A)
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	10,000 VOLTS
	FINISHED O.D.	.153"
	WEIGHT PER THOUSAND FEET	27.26#
USE:	INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60C. 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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