



ATLAS WIRE CORPORATION
 9525 RIVER STREET
 SCHILLER PARK, ILLINOIS 60176
 (847) 678-1210
 (847) 678-1281 FAX
 www.atlaswirecorp.com



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 TC 1/32" PVC
 RoHS COMPLIANT**

**12 AWG. E25635 RU AWM 1015/1230 105C 600V OR
 AWM 1013/1335 90C 600V OR AWM STYLE 1032 90C 1000V VW-1
 CSA 150272 TR-32 90C FT1 OR TEW 105C 600V FT1 OR AWM I A/B
 105C 600V O W 75C FT-1**

CONDUCTOR:	#12 19/0185 TINNED 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	340% AVERAGE
	TENSILE STRENGTH	2950 PSI AVERAGE
	SPECIFIC GRAVITY	1.34
	DUROMETER (SHORE)	95 (A)
	OXYGEN INDEX	30
	BRITTLE POINT	-18c
	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.	

info@atlaswirecorp.com