



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



ATLAS WIRE CORPORATION  
REGISTERED TO ISO9001:2000  
CERTIFICATE NO. A4894

## MATERIAL SPECIFICATION SHEET

**#28 7/36 TC .010"**  
**RoHS COMPLIANT**  
**AWM STYLE 1571 80C-30VOLT VW1**

<b>CONDUCTOR:</b>	#28 7/36 TINNED COPPER 1/3" CONCENTRIC LAY	
	NOMINAL O.D.	.015"
	APPROXIMATE CIRCULAR MILL AREA	175
	WEIGHT PER THOUSAND FEET	.60#
	BASIC SPECIFICATION	ASTM B-8 ASTM B-286
<b>PVC:</b>	TEMPERATURE RATING	80c
	VOLTAGE RATING	30V
	ELONGATION	240% AVERAGE
	SPECIFIC GRAVITY	1.30
	DUROMETER (SHORE)	63 (D)
	TENSILE STRENGTH	3500 PSI
	OXYGEN INDEX	29.5
	BRITTLE POINT	-30c
	SPARK TESTED	5,700 VOLTS
	FINISHED O.D.	.035"
	WEIGHT PER THOUSAND FEET	1.07#

**USE:** INTERNAL WIRING OF CLASS 2 CIRCUITS IN ELECTRONIC EQUIPMENT.

info@atlaswirecorp.com