



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



ATLAS WIRE CORPORATION
REGISTERED TO ISO 9002
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

**#16 26/30 BC 1/64" PVC .005 NYLON
RoHS COMPLIANT
TFFN 600v INSULATED WIRE
AWM STYLES 1316, 1452, AND 1408
CSA TEWN 105c - 600v FT-1**

CONDUCTOR:	#16 26/30 BARE COPPER 1 1/4" LAY BUNCHED
	NOMINAL DIAMETER .059"
	APPROXIMATE CIRCULAR MILL AREA 2,600
	WEIGHT PER THOUSAND FEET 8.10#
	BASIC SPECIFICATION ASTM B 174
PVC:	TEMPERATURE RATING 105c
	ELONGATION 330% AVERAGE
	SPECIFIC GRAVITY 1.35
	DUROMETER (SHORE) 92 (A)
	MINIMUM TENSILE STRENGTH 2850 PSI
	OXYGEN INDEX 29
	BRITTLE POINT -25c
	SPARK TESTED 10,000 VOLTS
NYLON:	ELONGATION 300%
	TENSILE STRENGTH 7400 PSI @ 50% RELATIVE HUMIDITY
	SPECIFIC GRAVITY 1.13
	OVERALL DIAMETER .101"
	WEIGHT PER M FEET 11.00#
PRINT:	16 AWG E80256 (UL) MTW OR TFFN 600 V GASOLINE AND OIL RESISTANT II OR AWM STYLE 1316 600V OR AWM STYLE 1408 600V OR AWM STYLE 1452 1000V LL29012 CSA TEWN 105C - 600 V FT-1
UL 1316 USE:	INTERNAL WIRING OF APPLIANCES, OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 105c OR WHERE EXPOSED TO OIL AT A

TEMPERATURE NOT EXCEEDING 60c.