



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



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

MATERIAL SPECIFICATION SHEET

#12 SOLID BC .016" PVC WITH .005" NYLON
RoHS COMPLIANT
THHN or THWN 600v
GASOLINE AND OIL RESISTANT II
or AWM STYLE 1452 1000v or 1316/1408 600v or
(UL) TYPE T90 NYLON or TWN75 CSA AWM 1-A/B 105c FT-1

CONDUCTOR:	#12 SOLID BARE COPPER	
	APPROXIMATE NOMINAL O.D.	.081"
	APPROXIMATE CIRCULAR MILL AREA	6,529
	WEIGHT PER THOUSAND FEET	20.00#
	BASIC SPECIFICATION	ASTM B 3
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	600v
	ELONGATION	330%
	SPECIFIC GRAVITY	1.35
	DUROMETER DELAYED (SHORE)	92 (A)
	TENSILE STRENGTH	2850 PSI
	OXYGEN INDEX	29
	BRITTLE POINT	-25c
NYLON:	ELONGATION	300%
	SPECIFIC GRAVITY	1.13
	TENSILE STRENGTH	11,500 PSI
	OVERALL DIAMETER	.124"
	WEIGHT PER M FEET	23.75#
	SPARK TESTED	10,000 VOLTS
AWM USE:	INTERNAL WIRING OF APPLIANCES. GASOLINE AND OIL RESISTANT.	

Info@atlaswirecorp.com