



ATLAS WIRE LLC.
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

#16 26/30 PREBOND 1/32" PVC
RoHS COMPLIANT

AWM STYLES 1015 & 1230 105C-600V
AWM STYLE 1032 90C-1,000V AWM STYLES 1013/1335 90C-600V
CSA TEW OR AWM I A/B 105C-600V OR CSA TR-32 90C
CSA OIL & WATER RESISTANT 75C FT1

CONDUCTOR: #16 26/30 PREBOND 1/2" LAY
NOMINAL O.D. .059"
APPROXIMATE CIRCULAR MILL AREA 2,600
WEIGHT PER THOUSAND FEET 8.4#
BASIC SPECIFICATION ASTM B 470
TYPE II

PVC:
TEMPERATURE RATING 105c
WALL THICKNESS .031"
NOMINAL DIAMETER OF WIRE .121"
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
WEIGHT PER THOUSAND FEET 13.67#

USE: INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING
OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE
NOT EXCEEDING 60 DEGREES C.
UL 1230, 1335 – MOISTURE RATING 60C
UL 1032 – 3,500V PEAK FOR ELECTRONIC USE ONLY
UL 1015, 1013 – 2,500V PEAK FOR ELECTRONIC USE ONLY

info@atlaswirecorp.com

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