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ATLAS WIRE CORPORATION
REGISTERED TO ISO 9002
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

#06 7/0612 BARE COPPER 4/64" PVC
AWM (UL) THW 105c-600v OIL RESISTANT I OR AWM 1283 VW-1
CSA TEW 105c-600v FT-1 OIL & WATER RESISTANT 75c

CONDUCTOR: #06 7/0612 BARE COPPER CONDUCTOR
APPROXIMATE NOMINAL O.D. .184"
APPROXIMATE CIRCULAR MILL AREA 26,240
WEIGHT PER THOUSAND FEET 80.3#
BASIC SPECIFICATION ASTM B 8

PVC: TEMPERATURE RATING 105c
VOLTAGE RATING 600v
ELONGATION 320% AVERAGE
SPECIFIC GRAVITY 1.34
DUROMETER (SHORE) 85 (A)
TENSILE STRENGTH 2450 PSI AVERAGE
OXYGEN INDEX 25
BRITTLE POINT -25c
SPARK TESTED 10,000 VOLTS
FINISHED O.D. .307"
WEIGHT PER THOUSAND FEET 108.82#

USE: INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING
OF APPLIANCES WHERE EXPOSED TO OIL AT A
TEMPERATURE NOT EXCEEDING 60c.
2,500v PEAK FOR ELECTRONIC USE ONLY.

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