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ATLAS WIRE CORPORATION
REGISTERED TO ISO 9002
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

#10 105/30 TINNED COPPER .045" PVC
RoHS COMPLIANT
TYPE HWP – 105c – 1000v

CONDUCTOR: #10 105/30 TINNED COPPER 2" BUNCHED
APPROXIMATE NOMINAL O.D. .121"
APPROXIMATE CIRCULAR MILL AREA 10,500
WEIGHT PER THOUSAND FEET 32.20#
BASIC SPECIFICATION ASTM B 174

PVC: TEMPERATURE RATING 105c
VOLTAGE RATING 1000 VOLTS
ELONGATION 320% AVERAGE
SPECIFIC GRAVITY 1.34
DUROMETER (SHORE) 85 (A)
TENSILE STRENGTH 2450 PSI AVERAGE
OXYGEN INDEX 25
BRITTLE POINT -25c
SPARK TESTED 12,500 VOLTS
FINISHED O.D. .210"
WEIGHT PER THOUSAND FEET 46.31#

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