



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



ATLAS WIRE CORPORATION
REGISTERED TO ISO 9002
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

#04 1666/36 TINNED COPPER .045" PVC RoHS COMPLIANT 105c

CONDUCTOR:

#04 7x7x34/36 TINNED COPPER 3.5" ROPE LAY
APPROXIMATE NOMINAL O.D. .2800"
APPROXIMATE CIRCULAR MILL AREA 42,729
WEIGHT PER THOUSAND FEET 132.00#
BASIC SPECIFICATION ASTM B 33
ASTM B 172

PVC:

TEMPERATURE RATING 105c
VOLTAGE RATING 300 VOLTS
ELONGATION 340% AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 75 (A)
TENSILE STRENGTH 2200 PSI AVERAGE
OXYGEN INDEX 24
BRITTLE POINT -50c
SPARK TESTED 12,500 VOLTS
FINISHED O.D. .370"
WEIGHT PER THOUSAND FEET 159.61#

info@atlaswirecorp.com

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