

METRO ASSEMBLIES, INCORPORATED

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MATERIAL SPECIFICATION SHEET

P/N WIR-110027 (White) Rev. 8/8/13

24 AWG 7/32 TINNED COPPER .015" NOM WALL, PVC, WITH STRENGTH STRANDS TWISTED IN STRANDING

NO PRINT, UL, CSA, ML. SPEC CERTS, NOT REQUIRED

CONDUCTOR:	#24 7/32 TINNED TC 5/8"-3/4" LAY
NOMINAL O.D.	.026
APPROXIMATE CIRCULAR MILL AREA	500
OHMS PER THOUSAND FEET	24.1
WEIGHT PER THOUSAND FEET	1.44
BASIC SPECIFICATION	ASTM B-8, B-286

STRENGTH STRANDS:	MAI P/N: MIS-003000
STRANDING:	3000:1
ELONGATION:	19.50
STRENGTH:	22 LBS

PVC: NORTH AMERICAN PLASTICS 19852, 85A COMPOUND OR APPROVED EQUIVALENT

TEMPERATURE RATING	80°C
VOLTAGE RATING	300V
WALL THICKNESS	.015 NOM
FINISHED OD	.056 + .002 - 002
ELONGATION	250% AVERAGE
TENSILE STRENGTH	2350 PSI AVERAGE
SPECIFIC GRAVITY	1.34
DUROMETER (SHORE)	85 (A)
MARKINGS	NO SURFACE PRINT
OXYGEN INDEX	N/A
BRITTLE POINT	20C
SPARK TESTED	4000 VOLTS MINIMUM
WEIGHT PER THOUSAND FEET	1.15#
ADHESION as tested per procedure # 0543	1.5 - 5.5 LBS.
COLOR :	WHITE

PRODUCT INFORMATION

20,000FT REELS

ROHS COMPLIANT, DEHP FREE

MATERIAL MUST BE KEPT CLEAN DURING MANUFACTURING AND SHIPMENT
CONDUCTOR & COMPOUND CERTS MUST BE SUPPLIED WITH EACH SHIPMENT

APPROVED BY: 

DATE: 08 / 08 / 2013

SERVER/MY DOCS/WIRE/SPEC PN 110027 8-8-13.DOC

Rev. 7/26/11: RELEASE DISTRIBUTION: SPEC
Rev. 8/8/13: INCREASED REEL SIZE (WAS 10,000 FT)