WireTek, Inc. - Technical Datasheet - www.wiretekusa.com				
Product:	M3432-03MOE(3/14)0460			
NSN:	N/A			
Description:	3 conductor AWG 14 - 105/34 Bare or Tin Copper - (M) Medium Duty,			
	(O) Medium Low Temp., Oil Resistant (E) Extra Flexible Unshielded Cable			
Rating:	-40°C TO +75°C / 600 VOLTS			
PRIMARY CONDUCTOR INFORMATION				
Primary Conductor Gauge Size:	AWG 14 - 105	Conductor DCR at 25°C MAX. (Ω/1000 ft)	2.8200	
Primary Conductor Stranding:	105	E - Extra Flexible Stranding (E in "MOE")		
Single Wire Gauge Size / Diameter:	34			
Conductor Material Allowed:	Bare Copper or Tin Copper (Bare Copper is common)			
Nominal Insulation Thickness:	.036"	M - Medium Duty (M in "MOE" - Class designation 1st letter)		
Color Code of Primary Wires:	Black, White & Green			
Alternative Color Code:	N/A			
Insulation Material(s) Allowed:	Class designation "O" - in MOE, 2nd Letter			
WireTek, Inc. uses TPE(S) and (O)	IS	Medium Low Temperature, Styrene Butadiene Rubber (SBR)		
	TPE(S)	Low Temperature, Heat and Ozone Resistant Styrenic TPE		
	TPE(O)	Low Temperature, Heat and Ozone Resistant Olefinic TPE		
OVERALL CABLING INFORMATION				
Cable Core:	3 conductors of AWG 14 are cabled together			
	with optional fillers to make the core round			
Separator:	Polyester Tape / Clear Mylar - before and after the braid			
Overall Braid:	N/A			
Cable Core after Tape:	.315"			
OVERALL JACKET INFORMATION				
Jacket Material(s) Allowed:	JN	Moderate Low Temp., Chlorinated Polyethyene Rubber		
WireTek, Inc. uses TPE(S) and (O)	TPE(S)	Low Temperature, Heat and Ozone Resistant		
	TPE(O)	Low Temperature, Heat and Ozone Resistant Olefinic TPE		
Jacket Color:	BLACK			
Nominal Overall Cable Diameter:	.460" ±.015"			
Cable Marking / Print Legend:	Part Number and Manufacturer's name and year of manufacture			
WireTek's Marking:	M3432-03MOE(3/14)0460			
	Marking Tape under the jacket is marked: WIRETEK, INC. + year of manufacture			
Cable Weight per 1000 feet:	100 lbs per 1000 feet approximately	Copper Weight: 39 lbs per mft		
PARTIAL ELECTRICAL REQUIREMENTS				
Spark Test Voltage:	6,000 VOLTS rms	Unaged Tensile Strength (PE):	1400 psi	
Dielectric Withstand Voltage:	3,000 VOLTS	Unaged Minimum Elongation:	400%	
CABLE IS TESTED AND CERTIFIED TO MIL-DTL-3432 LATEST REVISION				