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Registered to ISO9001 and TS16949  
Itasca, IL 60143  
Reference No. 10000854  
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Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#12 19/0185 BC 3/64" PVC**  
**RoHS COMPLIANT**  
**STYLE MTW/1028 and STYLE 1231**  
**CSA TEW OR AWM 1-A/B 105C-600 FT-1**  
**MOISTURE RESISTANT 60c**

<b>CONDUCTOR:</b>	#12 19/0185 BC 1-1/4" LAY	
	NOMINAL O.D.	.091"
	NOMINAL CIRCULAR MILL AREA	6,503
	NOMINAL LBS PER 1,000 FEET	20.11#
	BASIC SPECIFICATION	ASTM B 8 ASTM B 286
<b>PVC:</b>	TEMPERATURE RATING	105c
	VOLTAGE RATING	600 VOLTS
	ELONGATION	320% AVERAGE
	TENSILE STRENGTH	2450 PSI AVG
	SPECIFIC GRAVITY	1.34
	DUROMETER (SHORE)	85 (A)
	OXYGEN INDEX	26.5
	BRITTLE POINT	-25c
	SPARK TESTED	12,500 VOLTS
	NOMINAL O.D.	.184
	NOMINAL WEIGHT PER 1,000 FEET	32.19#
<b>USE:</b>	INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 105 DEG C: OR WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60 DEG C. MOISTURE RESISTANT 60C. 2500 VOLTS PEAK – FOR ELECTRONIC USE ONLY.	

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