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ATLAS WIRE CORPORATION  
REGISTERED TO ISO 9002  
CERTIFICATE NO. A4894

## MATERIAL SPECIFICATION SHEET

**#18 65/36 BC .031"**  
**RoHS COMPLIANT**  
**CROSS LINKED POLYOLEFIN INSULATED**  
**SAE J1128 TYPE SXL 125c**

<b>CONDUCTOR:</b>	#18 65/36 BC 1" LAY BUNCHED	
	NOMINAL O.D.	.048"
	APPROXIMATE CIRCULAR MILL AREA	1,625
	WEIGHT PER THOUSAND FEET	5.05#
	BASIC SPECIFICATION	ASTM B 174
<b>PVC:</b>	TEMPERATURE RATING	125c
	WALL THICKNESS	.031"
	FINISHED OD	.110"
	ELONGATION AT BREAK	425%
	TENSILE STRENGTH	2,300 PSI
	SPECIFIC GRAVITY	1.09
	DUROMETER INSTANTANEOUS	53 SHORE D
	SPARK TESTED	8,000 VOLTS
	WEIGHT PER THOUSAND FEET	8.76#

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