



**ATLAS WIRE CORPORATION**  
9525 RIVER STREET  
SCHILLER PARK, IL 60176  
(847) 678-1210  
(847) 678-1281 FAX  
[www.atlaswirecorp.com](http://www.atlaswirecorp.com)



ATLAS WIRE CORPORATION  
REGISTERED TO ISO9001:2000  
CERTIFICATE NO. A4894

## MATERIAL SPECIFICATION SHEET

**#10 105/30 BC 1/32"**  
**RoHS COMPLIANT**  
**2/CONDUCTOR BONDED RIBBON CABLE**  
**MTW/AWM STYLE 2474 105c AND CSA TEW 105c-600v**

<b>CONDUCTOR:</b>	#10 105/30 BC 1-1/2" LAY BUNCHED	
	APPROXIMATE NOMINAL O.D.	.121"
	APPROXIMATE CIRCULAR MILL AREA	10,500
	WEIGHT PER THOUSAND FEET	32.20#
	BASIC SPECIFICATION	ASTM B 174
<b>INSULATED SINGLES:</b>	AWM 1335, 1011, 1015, 1230, 1335, 1032 105c-600v VW-1 MTW CLASS K - CSA TEW or AWM 105c - 600v - FT-1	
<b>PVC:</b>	ELONGATION	330%
	SPECIFIC GRAVITY	1.32
	DUROMETER DELAYED (SHORE)	91 (A)
	TENSILE STRENGTH	2450 PSI
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	10,000 VOLTS
	FINISHED O.D.	.183"
	WEIGHT PER THOUSAND FEET	41.10#
<b>CABLE:</b>	SPARK TESTED	10,000 VOLTS
	HEIGHT DIMENSION	.183"
	WIDTH DIMENSION	.366"
	WEIGHT PER THOUSAND FEET	82.20#
<b>UL2474 USE:</b>	INTERNAL WIRING OF ELECTRONIC EQUIPMENT AND APPLIANCES.	