



® **ATLAS WIRE LLC.**

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Atlas Wire, LLC
Registered to ISO9001:2015
and IATF 16949:2016
Itasca, IL 60143
Reference No. 10000854



Atlas Wire, LLC
Registered to ISO9001:2015
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#20 10/30 TC 1/32" XLPE

RoHS COMPLIANT

CROSS LINKED POLYETHYLENE INSULATED

UL APPLIANCE WIRE STYLE 3173 125c-600v

CSA TYPE CL 1251 600V 125C AWM I - A/B FT2

CONDUCTOR:	#20 10/30 TC 1/2" LAY BUNCHED	
	APPROXIMATE NOMINAL O.D.	.038"
	APPROXIMATE CIRCULAR MILL AREA	1,000
	WEIGHT PER THOUSAND FEET	3.20#
	BASIC SPECIFICATION	ASTM B 174

MOISTURE CURED

CROSS LINKED POLYETHYLENE:

TEMPERATURE RATING	125c
VOLTAGE RATING	600 VOLTS
SPECIFIC GRAVITY	1.09
DUROMETER INSTANTANEOUS	53 SHORE D
DUROMETER 10 SECOND DELAY	48 SHORE D
TENSILE STRENGTH	2300 PSI AVERAGE
TENSILE ELONGATION AT BREAK	425%
SPARK TESTED	8,000 VOLTS
FINISHED O.D.	.100"
WEIGHT PER THOUSAND FEET	6.44#

UL 3173 USE: INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 125c.