

UNIFIED WIRE & CABLE INC.
DEKALB, ILLINOIS 60115
SPECIFICATION SHEET
PN: 1419BTHHN-X

14(19X0147)BC THHN/THWN/MTW/AWM 1316/1452 CSA T90 NYLON FT1
MEETS UL STANDARD 83 AND UL STANDARD 1063 MTW
REACH & ROHS COMPLIANT

COPPER: 14(19X0147)BARE COPPER 1 1/4" LHL MAXIMUM
BASIC SPECIFICATION ASTM B 8-04
.070 NOMINAL DIAMETER (INCHES)
APPROXIMATE CIRCULAR MIL AREA 4102

PVC INSULATION: CLASS 12 PVC, 92 DUROMETER SHORE A
THERMOPLASTIC INSULATION
THHN DRY RATED AT 90C 600 VOLTS
THWN RATED 90C DRY 75C IN WET LOCATIONS, MTW RATED 60C WET
.015 MIL MIN AVG WALL THICKNESS .013 MIL MIN AT ANY POINT

NYLON(POLYAMIDE) NYLON SHEATH.
004 MIN AVG WALL THICKNESS

AMPACITY: 15 AMPS (AS SPECIFIED IN THE NATIONAL ELECTRICAL CODE)

FINISHED O.D: .111 NOMINAL DIAMETER (+/- .002)

PACKAGING: REELS OR DRUMS

USAGE AS THHN/THWN SUITABLE FOR OPERATION AT 600 VOLTS AS SPECIFIED IN THE NATIONAL ELECTRIC
CODE AT CONDUCTOR TEMPERATURES NOT TO EXCEED 75 C WHEN EXPOSED TO OIL
OR COOLANT. GASOLINE AND OIL RESISTANT II (OIL & GASOLINE RESISTANT TO 75C)

USAGE AS AWM UL 1316 RATED 105C 600 VOLTS GASOLINE RESISTANT; OIL RESISTANT 60C
UL 1452 RATED 90C 1000 VOLTS SUITABLE FOR IMMERSION IN GASOLINE;
IMMERSION IN OIL AT 60C
INTERNAL WIRING OF APPLIANCES 3500 VOLTS PEAK FOR ELECTRONIC USE ONLY