

18-1(Solid)-BC-TFN-UL1316-UL1452-Knurled Cable Specification

Description:

1. Conductor

1.1 AWG & Stranding:	18AWG (Solid) BC
1.2 Material:	Bare Copper, Knurled
1.3 Lay / Cu ≈ OD:	N/A / 0.040"
1.4 ≈ Knurl Depth/Adhesion (lbs.)	0.003" / 3 to 6 (lbs.)

2. Insulation

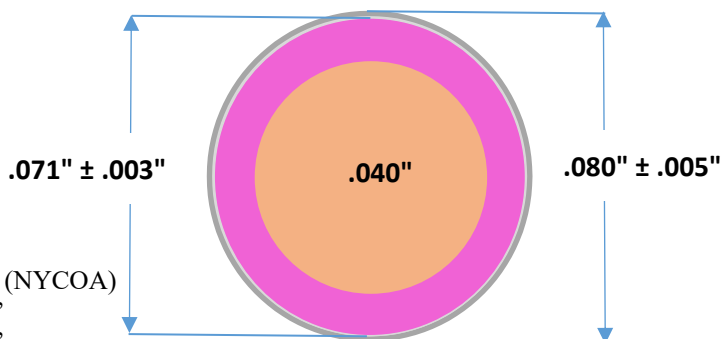
2.1 Material:	PVC 105°C	2.6 Stripe 15% per side 30% total or as specified by Customer
2.2 Wall Thickness NOM:	.015" Average	
2.3 Wall Thickness MIN:	.013" Minimum	
2.4 Outside / Finished Diameter	≈ .071" ± .003"	

3. Color Code

3.1 Code: Pink as specified by Customer

4. Assembly

4.1 MAX Cable Lay Length:	N/A
4.2 Cable Binder:	N/A
4.3 Cable filler:	N/A
4.4 Cable Shield / Separator:	N/A
4.5 Cable Drain Wire:	N/A
4.6 Ripcord:	N/A



5. Jacket

5.1 Material:	Nylon (NYCOA)
5.2 Wall Thickness NOM:	.0045"
5.3 Wall Thickness MIN:	.0040"
5.4 Diameter:	≈ .080" ± .005"
5.5 Jacket Type & Color:	Clear or as specified by Customer
5.6 Pull Thread:	N/A

6. Ratings

6.1 UL/CSA/Auto/Other:	90°C Dry locations 60°C where exposed to moisture or oil. 600 VAC rated 105°C when used as AWM 1316 or 90°C 1000 VAC when used as AWM 1452
------------------------	--

7. Markings (Upon Request)

7.1 Type:	Print wheel
7.2 UL / SAE / Other:	E178207 18 AWG (.824mm ²) (UL) TFN 90C 600V OR AWM STYLE 1316 105C 600V OR AWM STYLE 1452 90C 1000V GAS & OIL RESISTANT II CSA LL37082 TEWN 105C 600V FT1 OR AWM I A/B 105C 600V FT1

8. Standards

8.1 Manufactured to:	UL 66, UL 758 (Style 1316 & 1452), UL 1581 CSA C22.2 No.127
8.2 All materials used in the manufacture of this cable are RoHS & Reach compliant.	

9. Usage:

9.1 May be used as fixture wire and as permitted or as specified in NEC. As AWM, use is for internal wiring or electronic / appliances.

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VARIATION