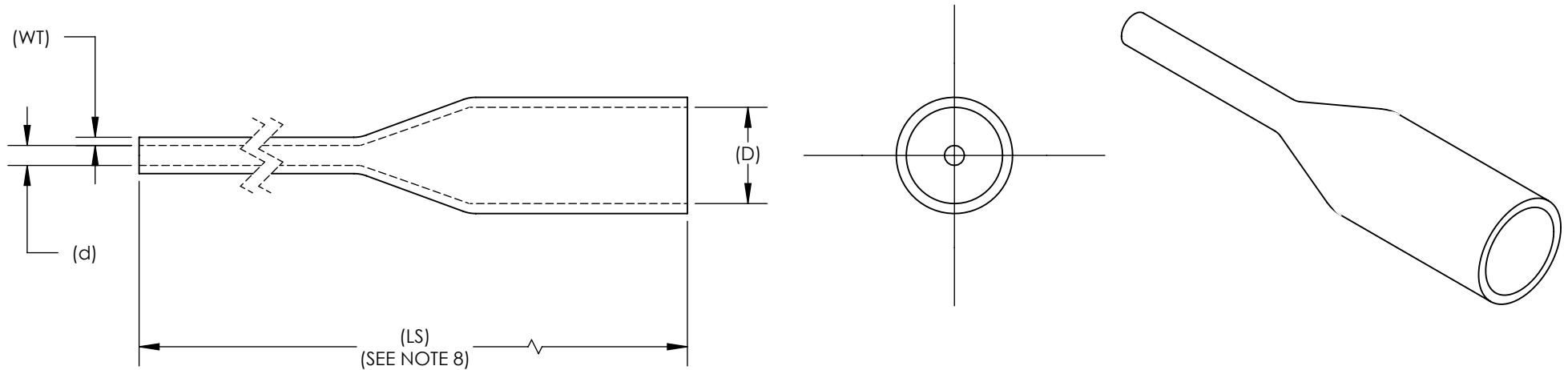


SW2015



| Revision level | | | Revision Record | Changed | Date | Approved | Date |
|----------------|----------------|------|-----------------|---------|-----------|----------|-----------|
| Drawing | State | Part | | | | | |
| 02.1 | Design Release | | SEE ECN# 013647 | GRW | 11/7/2016 | KAC | 11/7/2016 |



| Type | Length Style (LS) A = Reel; B = Stick (See Note 8) | Trade Size | Supplied Diameter (D) | | Recovered Diameter (d) | | Wall Thickness Recovered (WT) | | Color |
|---------------------|--|------------|-----------------------|------|------------------------|------|-------------------------------|------|-------|
| | | | in | mm | in | mm | in | mm | |
| TFN31-ST-1.5/0.5 BK | B | 1/16 | 0.063 | 1.6 | 0.02 | 0.5 | 0.018 | 0.45 | Black |
| TFN31-ST-3/1 BK | B | 1/8 | 0.125 | 3.2 | 0.039 | 1.0 | 0.022 | 0.55 | Black |
| TFN31-3/1 BK | A | | | | | | | | |
| TFN31-ST-4.5/1.5 BK | B | 3/16 | 0.188 | 4.8 | 0.059 | 1.5 | 0.024 | 0.64 | Black |
| TFN31-ST-6/2 BK | B | | | | | | | | |
| TFN31-6/2 BK | A | 1/4 | 0.25 | 6.4 | 0.079 | 2.0 | 0.026 | 0.65 | Black |
| TFN31-ST-9/3 BK | B | | | | | | | | |
| TFN31-9/3 BK | A | 3/8 | 0.375 | 9.5 | 0.118 | 3.0 | 0.029 | 0.75 | Black |
| TFN31-ST-12/4 BK | B | | | | | | | | |
| TFN31-12/4 BK | A | 1/2 | 0.50 | 12.7 | 0.157 | 4.0 | 0.031 | 0.80 | Black |
| TFN31-ST-18/6 BK | B | | | | | | | | |
| TFN31-18/6 BK | A | 3/4 | 0.75 | 19.1 | 0.236 | 6.0 | 0.035 | 0.90 | Black |
| TFN31-ST-24/8 BK | B | | | | | | | | |
| TFN31-24/8 BK | A | 1 | 1.0 | 25.4 | 0.315 | 8.0 | 0.047 | 1.20 | Black |
| TFN31-39/13 BK | A | | | | | | | | |
| | | 1 1/2 | 1.5 | 39.0 | 0.512 | 13.0 | 0.049 | 1.25 | Black |

NOTES:

- SHRINK RATIO 3:1
- LONGITUDINAL CHANGE AFTER SHRINKAGE +5%
- MINIMUM SHRINK TEMPERATURE 212° F (100° C)
- OPERATING TEMPERATURES -67° F TO 275° F (-55° C TO 135° C)
- DIELECTRIC STRENGTH >20kV/MM ACCORDING TO ASTM D 150
- FLAMMABILITY UL 224 VW-1 600V (except clear)
- STANDARDS - MEETS SAE-AMS-DTL-23053/5 CLASS 1 & 3
- CONSULT FACTORY OR WEBSITE FOR AVAILABLE LENGTHS

Material
POLYOLEFIN, CROSS LINKED

Units: inches
Dimension without tolerances details to:
.xxxx = ±.0005
.xxx = ±.005
.xx = ±.01
.x = ±.03
None = ±.06
∠ = ±0.5°
Dimension Formatted in[mm]

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Drawn GRW 11/7/2016
Approved KAC 11/7/2016

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Article/Type-No TFN31 SERIES
Title **HEAT SHRINK TUBING, 3:1 SHRINK RATIO, NON-ADHESIVE THIN WALL TUBING**
Drawing-No PRODUCTION : Phase
16-1635-001-CSU

Scale .
Project Number PRP 16-1635
Format AH
Sheet 1/1