



HEAT SHRINKABLE TUBE

BEFORE SHRINKAGE

| Size Code | I.D. | Thickness |
|-----------|-------|------------|
| A01 | 1,0 | 0,25 ±0,10 |
| A02 | 1,5 | 0,32 ±0,10 |
| A03 | 2,0 | 0,40 ±0,10 |
| A04 | 2,5 | 0,40 ±0,10 |
| A05 | 3,0 | 0,40 ±0,10 |
| A06 | 3,5 | 0,42 ±0,10 |
| A07 | 4,0 | 0,45 ±0,10 |
| A08 | 5,0 | 0,55 ±0,10 |
| A09 | 6,0 | 0,55 ±0,10 |
| A10 | 7,0 | 0,55 ±0,10 |
| A11 | 8,0 | 0,60 ±0,10 |
| A12 | 9,0 | 0,60 ±0,10 |
| A13 | 10,0 | 0,60 ±0,10 |
| A14 | 11,0 | 0,60 ±0,10 |
| A15 | 12,0 | 0,65 ±0,10 |
| A16 | 13,0 | 0,65 ±0,10 |
| A17 | 14,0 | 0,70 ±0,10 |
| A18 | 15,0 | 0,75 ±0,10 |
| A19 | 16,0 | 0,75 ±0,10 |
| A20 | 18,0 | 0,80 ±0,10 |
| A21 | 20,0 | 0,82 ±0,10 |
| A22 | 22,0 | 0,82 ±0,10 |
| A23 | 25,0 | 1,00 ±0,10 |
| A24 | 28,0 | 1,00 ±0,10 |
| A25 | 30,0 | 1,05 ±0,10 |
| A26 | 35,0 | 1,15 ±0,10 |
| A27 | 40,0 | 1,20 ±0,10 |
| A28 | 50,0 | 1,50 ±0,10 |
| A29 | 60,0 | 1,60 ±0,10 |
| A30 | 70,0 | 1,70 ±0,10 |
| A31 | 80,0 | 1,90 ±0,10 |
| A32 | 100,0 | 1,90 ±0,10 |
| A33 | 125,0 | 2,10 ±0,10 |
| A34 | 150,0 | 2,10 ±0,10 |
| A35 | 180,0 | 2,10 ±0,10 |
| A36 | 90,0 | 1,90 ±0,10 |
| A37 | 17,0 | 0,80 ±0,10 |
| A38 | 4,5 | 0,45 ±0,10 |

AFTER SHRINKAGE

| I.D | Thickness | Typical Length |
|------|------------|----------------|
| 0,65 | 0,33 ±0,10 | 200 Meter |
| 0,85 | 0,36 ±0,10 | 200 Meter |
| 1,0 | 0,44 ±0,10 | 200 Meter |
| 1,3 | 0,44 ±0,10 | 200 Meter |
| 1,5 | 0,44 ±0,10 | 200 Meter |
| 1,8 | 0,44 ±0,10 | 200 Meter |
| 2,0 | 0,44 ±0,10 | 200 Meter |
| 2,5 | 0,56 ±0,10 | 100 Meter |
| 3,00 | 0,56 ±0,10 | 100 Meter |
| 3,5 | 0,56 ±0,10 | 100 Meter |
| 4,0 | 0,56 ±0,10 | 100 Meter |
| 4,5 | 0,56 ±0,10 | 100 Meter |
| 5,0 | 0,56 ±0,10 | 100 Meter |
| 5,5 | 0,56 ±0,10 | 100 Meter |
| 6,0 | 0,56 ±0,10 | 50 Meter |
| 6,5 | 0,56 ±0,10 | 50 Meter |
| 7,0 | 0,69 ±0,10 | 50 Meter |
| 7,5 | 0,69 ±0,10 | 50 Meter |
| 8,0 | 0,69 ±0,10 | 50 Meter |
| 9,0 | 0,80 ±0,10 | 50 Meter |
| 10,0 | 0,80 ±0,10 | 50 Meter |
| 11,0 | 0,80 ±0,10 | 50 Meter |
| 12,5 | 0,90 ±0,10 | 50 Meter |
| 14,0 | 0,90 ±0,10 | 50 Meter |
| 15,0 | 0,90 ±0,10 | 50 Meter |
| 17,5 | 0,90 ±0,10 | 50 Meter |
| 20,0 | 1,00 ±0,10 | 50 Meter |
| 25,0 | 1,00 ±0,10 | 25 Meter |
| 30,0 | 1,20 ±0,10 | 25 Meter |
| 35,0 | 1,20 ±0,10 | 25 Meter |
| 40,0 | 1,20 ±0,10 | 25 Meter |
| 50,8 | 1,30 ±0,10 | 25 Meter |
| 63,5 | 1,30 ±0,10 | 25 Meter |
| 76,0 | 1,30 ±0,10 | 25 Meter |
| 88,5 | 1,30 ±0,10 | 25 Meter |
| 45,0 | 1,20 ±0,10 | 25 Meter |
| 8,5 | 0,69 ±0,10 | 100 Meter |
| 2,4 | 0,56 ±0,10 | 200 Meter |

Heat Shrinktube 2:1

Part No.: **N41001**

Customer:

| | | | | | | | |
|-------|-------|------|-------|--------|-------|-------|------------|
| DRW: | Jason | CHKD | Jules | MATL: | Wu | DATE | 07.08.2017 |
| APPD: | Join | | | FINISH | Shieh | Sheet | 1 from 2 |

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HEAT SHRINKABLE TUBE

| Technical Data | Method of Test | Typical Data |
|---|---------------------|--------------|
| Tensile strength | ASTM D 2671 | 14MPA |
| Elongation at break | ASTM D 2671 | 800% |
| Tensile strength after aging (175°C / 168hrs) | ASTM D 2671 | 14MPA |
| Elongation after aging (175°C / 168hrs) | ASTM D 2671 | 400% |
| Flammability | VW-1 | Pass |
| Heat Shock (250°C / 4hrs.) | ASTM D 2671 | No cracking |
| Cold bent test (-55°C / 4hrs) | ASTM D 2671 | No cracking |
| Dielectric strength | ASTM D 150 | 20Kv/mm |
| Volume resistance | ASTM D 1876 | 1014/cm |
| Copper corrosion | UL 224 | Pass |
| Water absorption | ASTM D 570 | 0,15% |
| Chemical shrinkage | SAE-AMS-DTL-23053/5 | Pass |
| Longitudinal shrinkage | UL 224 | 0 ± 5% |
| Eccentricity | UL 224 | >30% |
| | | |

Operating Temperature

| |
|--|
| Operating temperature : -50°C ~ + 125°C |
| Minimum shrink temperature : 80°C |
| Minimum fully recovery temperature : 100°C |

Approvals

| |
|----|
| No |
|----|

Colors of Delivery

| | | |
|-------|--------|--|
| Black | Yellow | |
| Red | Green | |
| Blue | White | |

Other Colors of request

| | | |
|--|--|--|
| | | |
| | | |

Ordering Information

| Serie | Size | Color | Length | ROHS | Packing | |
|---------------|------------|-----------|------------|----------|----------|--|
| N41001 | A01 | YG | 200 | R | R | |

| | | | | |
|-----------------------|--|----------------------------|------------------------|----------------|
| A01= Size Code | BK= Black RD= Red BL= Blue YE= Yellow GN= Green WH= White | 200= 200 Meter/Reel | R= Rohs Conform | R= Reel |
|-----------------------|--|----------------------------|------------------------|----------------|

Heat Shrinktube 2:1

| | |
|-----------|---------------|
| Part No.: | N41001 |
| Customer: | |

| | | | | | | | |
|-------|-------|------|-------|--------|-------|-------|-------------------|
| DRW: | Jason | CHKD | Jules | MATL: | Wu | DATE | 07.08.2017 |
| APPD: | Join | | | FINISH | Shieh | Sheet | 2 from 2 |