

# KeHong Enterprises Co.,Ltd.

No,803, Building 16, Shiji South 1st Street, Huangpu District, Guangzhou, China.

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## **A-2(TW)**

Ultra thin wall,very flexible heat shrink tubing

Features

1. Ultra thin wall
3. Flame retardant (for black)
4. Continuous Operating Temperature:-55°C to 125°C
5. Shrink Temperature:70°C~110°C
6. RoHS Compliant

Dimension

| Size  |       | As supplied            | After Recovery(mm)        |                        | Standard Package |
|-------|-------|------------------------|---------------------------|------------------------|------------------|
| Inch  | mm    | Internal diameter (mm) | Internal diameter Max(mm) | Wall thickness Nom(mm) | Spool Length     |
|       |       |                        |                           |                        | m/spool          |
| 1/16. | 1     | 1.4±0.2                | 0.65                      | 0.2                    | 200              |
|       | 1.5   | 1.9±0.2                | 0.85                      | 0.2                    | 200              |
| 3/32  | 2     | 2.4±0.2                | 1                         | 0.22                   | 200              |
|       | 2.5   | 2.9±0.2                | 1.3                       | 0.25                   | 200              |
| 1/8.  | 3     | 3.4±0.2                | 1.5                       | 0.28                   | 200              |
|       | 3.5   | 3.9±0.2                | 1.8                       | 0.28                   | 200              |
| 3/16. | 4     | 4.4±0.2                | 2                         | 0.3                    | 200              |
|       | 4.5   | 4.9±0.2                | 2.3                       | 0.3                    | 200              |
|       | 5     | 5.5±0.2                | 2.5                       | 0.32                   | 100              |
| 1/4.  | 6     | 6.5±0.2                | 3                         | 0.32                   | 100              |
|       | 5/16. | 7                      | 7.5±0.3                   | 3.5                    | 0.32             |
| 3/8.  | 8     | 8.5±0.3                | 4                         | 0.32                   | 100              |
|       | 9     | 9.5±0.3                | 4.5                       | 0.35                   | 100              |
|       | 10    | 10.5±0.3               | 5                         | 0.35                   | 100              |
| 1/2.  | 11    | 11.5±0.3               | 5.5                       | 0.4                    | 100              |
|       | 12    | 12.5±0.3               | 6                         | 0.4                    | 100              |
|       | 13    | 13.5±0.3               | 6.5                       | 0.4                    | 100              |
| 5/8.  | 14    | 14.5±0.3               | 7                         | 0.4                    | 100              |
|       | 15    | 15.5±0.4               | 7.5                       | 0.4                    | 100              |
|       | 16    | 16.5±0.4               | 8                         | 0.4                    | 100              |
|       | 17    | 17.5±0.4               | 8.5                       | 0.4                    | 100              |
| 3/4.  | 18    | 18.5±0.4               | 9                         | 0.42                   | 100              |
|       | 20    | 20.5±0.5               | 10                        | 0.45                   | 100              |
|       | 22    | 22.5±0.5               | 11                        | 0.45                   | 100              |
| 1     | 25    | 25.5±0.5               | 12.5                      | 0.45                   | 50               |

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## Technical Data Physical

| Property               | Test Method    | Typical Performance |
|------------------------|----------------|---------------------|
| Tensile Strength       | ASTM D2671     | 10.4MPa             |
| Elongation(%)          | ASTM D2671     | 200%                |
| Tensile Strength after | UL 224         | ≥7.3                |
| Heat aging             | 158°C X 168hrs |                     |
| Elongation after Heat  | UL 224         | ≥100                |
| aging                  | 158°C X 168hrs |                     |
| Heat shock             | UL 224         | NO dripping         |
|                        | 250°C X 4hrs   | NO cracking         |

## Electrical

| Property            | Test Method | Typical Performance      |
|---------------------|-------------|--------------------------|
| Dielectric Strength | IEC 243     | ≥15kv/mm                 |
| Volume Resistivity  | IEC 93      | ≥1×10 <sup>14</sup> Ω·cm |

## Chemical

| Property             | Test Method    | Typical Performance |
|----------------------|----------------|---------------------|
| Corrosion Action     | UL 224         | PASS                |
|                      | 158°C X 168hrs |                     |
| Copper Compatibility | UL 224         | PASS                |
|                      | 158°C X 168hrs |                     |