

## CB-600(PVC) Not Shrink Sleeves

NO: CB-600(PVC)



Material: PVC

Shrinkage rate: not shrink

Features:

- ◆ soft, flexible;
- ◆ has good electrical and physical properties, acid, corrosion resistance;
- ◆ excellent flame retardant properties, products meet UL 224 VW-1 flammability rating and Japan JQA F-mark certified flammability rating;
- ◆ black casing UL certification number: E180908, transparent casing UL certification number: E250610.

| Item                           | Test Methods       | Index  | Typical Values            |
|--------------------------------|--------------------|--|---------------------------|
| Temperature Class              | UL224              | 105°C  | 105°C                     |
| Length Rate Of Change          | ASTM D2671         | ≤±5%   | -3%                       |
| Tensile Strength               | ASTM D638          | ≥10.4MPa                                     | 14.0MPa                   |
| Elongation At Break            | ASTM D638          | ≥200%  | 400%                      |
| Hot Air Aging Test             | 136°C/168h         | -  | -                         |
| Thermal Aging Tensile Strength | ASTM D638          | ≥7.3MPa                                      | 9.3MPa                    |
| Heat Aging Elongation At Break | ASTM D638          | ≥100%  | 200%                      |
| Voltage Level                  | UL224              | 300V/600V                                    | 300V/600V                 |
| Volume Resistivity             | ASTM D2671         | ≥10*10 <sup>10</sup> Ω·cm                    | 3.6*10 <sup>10</sup> Ω·cm |
| Breakdown Voltage              | UL224              | 2500V (60s) No Breakdown                     | No breakdown              |
| Thermal Shock                  | UL224/180°C±1°C/4h | Does not drip, Does not flow, Does not crack | Qualified                 |
| Cold Bending                   | UL224/-30°C/1h     | Unlobed                                      | Qualified                 |
| Copper Corrosion               | UL224/136°C/168h   | No Corrosion                                 | No Corrosion              |

| No.  | Finished diameter (mm) | Wall Thickness (mm) |       | Thickness Deviation(mm) |
|------|------------------------|---------------------|-------|-------------------------|
|      |                        | 600V                |       |                         |
| 5/8  | 15.9                   | 0.70                | ±0.15 |                         |
| 9/16 | 14.3                   | 0.70                | ±0.15 |                         |
| 1/2  | 12.7                   | 0.57                | ±0.15 |                         |
| 7/16 | 11.1                   | 0.57                | ±0.15 |                         |
| 3/8  | 9.53                   | 0.57                | ±0.15 |                         |
| 5/16 | 7.92                   | 0.57                | ±0.15 |                         |
| 0#   | 8.38                   | 0.57                | ±0.15 |                         |
| 1#   | 7.47                   | 0.57                | ±0.15 |                         |
| 2#   | 6.68                   | 0.57                | ±0.15 |                         |
| 3#   | 5.94                   | 0.57                | ±0.15 |                         |
| 4#   | 5.28                   | 0.57                | ±0.15 |                         |
| 5#   | 4.72                   | 0.57                | ±0.15 |                         |
| 6#   | 4.22                   | 0.57                | ±0.15 |                         |
| 7#   | 3.87                   | 0.57                | ±0.15 |                         |
| 8#   | 3.38                   | 0.57                | ±0.15 |                         |
| 9#   | 3.00                   | 0.57                | ±0.15 |                         |
| 10#  | 2.69                   | 0.57                | ±0.15 |                         |
| 11#  | 2.41                   | 0.57                | ±0.10 |                         |
| 12#  | 2.16                   | 0.57                | ±0.10 |                         |
| 13#  | 1.93                   | 0.57                | ±0.10 |                         |
| 14#  | 1.68                   | 0.57                | ±0.10 |                         |
| 15#  | 1.50                   | 0.57                | ±0.10 |                         |
| 16#  | 1.34                   | 0.57                | ±0.10 |                         |
| 17#  | 1.19                   | 0.57                | ±0.10 |                         |
| 18#  | 1.07                   | 0.45                | ±0.10 |                         |
| 19#  | 0.96                   | 0.45                | ±0.10 |                         |
| 20#  | 0.86                   | 0.45                | ±0.10 |                         |
| 21#  | 0.79                   | 0.45                | ±0.10 |                         |