



深圳市沃尔核材股份有限公司  
SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO.,LTD.

## Product Specification Acknowledgement

**Supplier** (Shenzhen Woer Heat-Shrinkable Material Co., Ltd.)

| Drafted by/Date        | Approved by/ Date     |
|------------------------|-----------------------|
| Xing jiamin/2019/06/20 | Hu jingwei/2019/06/20 |

**Address:** Woer Mansion, North Lanjing Rd, Ping Shan District, Shenzhen, China

Zip Code: 518118 Tel: 0755-28299538

Website: <http://www.woer.com>

## EPDM rubber cold shrink end cap

### 1. Subject and Application Scope

The acknowledgement specifies EPDM rubber cold shrink end cap's technical requirement, methods of test, rule of test, production specification and so on.

### 2. Technical requirement

2.1 The material's physical property meets the requirement in Table 1 and its dimensions are specified in Table 2.

#### 2.2 Color

Standard color: Black

Table 1 Physical and Chemical Property of Conventional Product

| Item | Property            | Unit                     | Typical Value           | Standard of Test |
|------|---------------------|--------------------------|-------------------------|------------------|
| 1    | Hardness            | Shore A                  | 43                      | ASTM D 2240      |
| 2    | Tensile Strength    | MPa                      | 9                       | ASTM D 412       |
| 3    | Elongation at Break | %                        | 600                     | ASTM D 412       |
| 4    | Tear Strength       | KN/M                     | 30                      | ASTM D 624       |
| 5    | Volume Resistivity  | $\Omega \cdot \text{cm}$ | $\geq 1 \times 10^{14}$ | IEC 60093        |



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Table 2 Specification, Dimension and Tolerance of  
EPDM Rubber Cold Shrink End Cap

| CHARACTERISTICS        | Range   | Range   | Range              | Range   |
|------------------------|---------|---------|--------------------|---------|
| Specification          | Ø20     | Ø28     | Ø47/ Ø56           | Ø80     |
| Color                  | Black   | Black   | Black              | Black   |
| Expanded ID (mm)       | 20±2    | 28±2    | 47/56±2            | 80±2    |
| Recovered Length (mm)  | 100±5   | 100±5   | 100±5              | 100±5   |
| Application Range (mm) | Ø13-Ø15 | Ø18-Ø23 | Ø25-Ø38<br>Ø25-Ø48 | Ø48-Ø70 |

### 2.3 Environmental substance

Pb, Cd, Hg, Cr<sup>+6</sup>,PBB and other substance in this Acknowledgement meet RoHS requirement.

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