

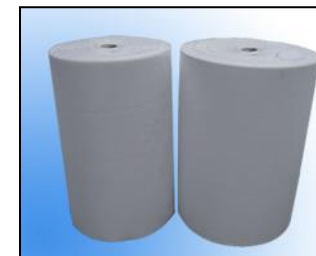


HANYU CABLE MATERIALS CO.,LTD.

## Polyester Non-woven Fabric, WD-1

**Composition:** 100% Polyester fiber, adhesive.

**Application:** Be made of 100% polyester, dipping in chemical bond and drying. The tensile strength is excellent as the fiber be carded enough. It be used for more tensile strength and more air-permeable fabric. Be used for making the electrical insulating materials, Semi-conductive tapes and Water-blocking tapes. It's a kind of filter fabric. Material selection is based on the strength and thickness requirement for the particular application.



### Technical Data

| Property             | Unit              | WD-1-20   | WD-1-30   | WD-1-40   | WD-1-50   | WD-1-60   | WD-1-70   | WD-1-80   | Test Method |
|----------------------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| Mass per unit area   | g/ m <sup>2</sup> | 20±4      | 30±4      | 40±4      | 50±4      | 60±5      | 70±5      | 80±5      | ISO9073-1   |
| Thickness            | mm                | 0.14±0.03 | 0.20±0.03 | 0.25±0.03 | 0.26±0.03 | 0.28±0.03 | 0.30±0.04 | 0.31±0.04 | ISO9073-2   |
| Tensile strength     | N/cm              | ≥15       | ≥28       | ≥34       | ≥43       | ≥48       | ≥53       | ≥60       | ISO9073-3   |
| Elongation           | %                 | ≥10       | ≥12       | ≥12       | ≥12       | ≥12       | ≥12       | ≥12       | ISO9073-3   |
| Short-term stability | °C                | 230       | 230       | 230       | 230       | 230       | 230       | 230       | Hytest-5    |
| Long-term stability  | °C                | 90        | 90        | 90        | 90        | 90        | 90        | 90        | IEC 216     |
| Moisture content     | %                 | ≤1.5      | ≤1.5      | ≤1.5      | ≤1.5      | ≤1.5      | ≤1.5      | ≤1.5      | ISO 287     |

These are general specifications, other specifications are available on request.

Spool is ordered from 150mm-700mm. Width, ID are also available on request.

Package: plastic foil bag inside, plastic woven bag outside.

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