

Conjugate Release Matrix is an important constituent of a rapid test device/kit. This provides platform for the test conjugate to stay in dried form.

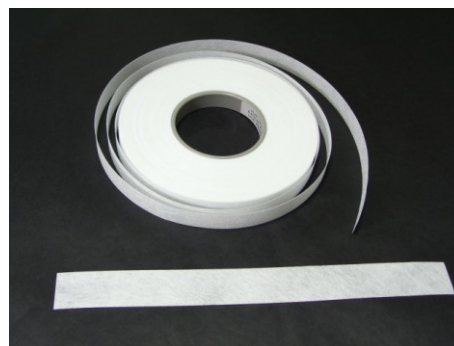
mdi Conjugate Release Matrix Type PT-R offers special surface chemistry that prevents any kind of damage or aggregation of dried conjugate. It also ensures quick and clean release of conjugate when the sample is applied.

Intended Use

Development/Manufacture of Lateral Flow Immunoassay Test Device/Kit.

Advantages

- High holding capacity
- No damage or aggregation of conjugate
- Quick and clean release
- Hydrophilic
- Higher absorption capacity
- High mechanical strength for ease of handling
- Large variety



Composition

1.	Type of Material	Meltblown Polyester
2.	Type of Matrix	Filament
3.	Tare Weight	7-12 mg/cm ²
4.	Type of Treatment	Treated for Hydrophilization
5.	Thickness	325 – 485 μm (mean)
6.	Supply Format	Rolls/Strip of desired dimension

Types (Variants)

PT-R1	PT-R2	PT-R5	PT-R6	PT-R7
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Performance Characteristics

Type	PT-R1	PT-R2	PT-R5	PT-R6	PT-R7
Mean Wicking Time (sec.) for 4 cm distance with distilled water	28-48	18-34	18-34	18-34	18-34

Storage

Temperature	:	15 to 25 °C
Caution	:	Material should be kept away from moisture and heat radiators

Shelf Life

One year from the date of dispatch, stored under above conditions

The information contained in this datasheet reflects the company's knowledge and experience at the time of issuance. The results may vary with the change in the condition of use.