# Flame-Retardant Mechanical Fiber Double Sided Tape 201MF80PA-DR

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# Features

1. Thin profile with high adhesion

2. Excellent performance on a wide range of resins, as well as metals

3. Excellent die-cutting performance for very fine and tiny shapes

4. Excellent conformability and resistance to rebound

5. High flame retardancy (complies with FMVSS No. 302)

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# Applications

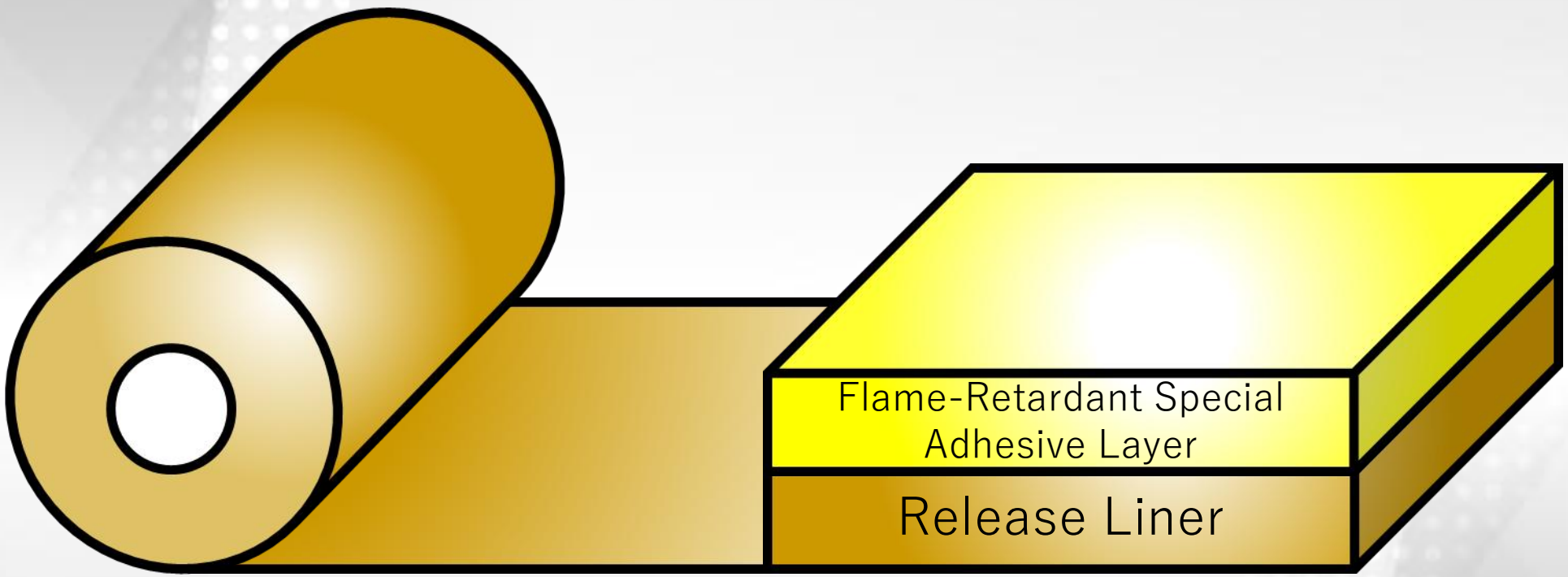
- Securing components for automotive applications
- Securing components in mobile products such as mobile phones
- Securing LCD components
- Securing nameplates
- Securing components inside digital camera lens barrels

And other applications

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# Construction

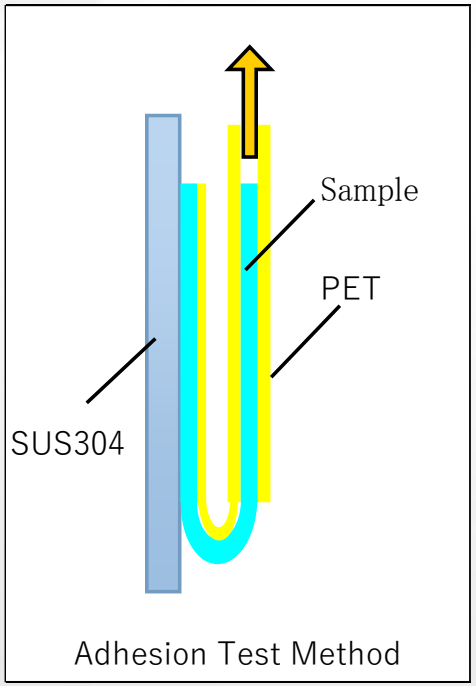



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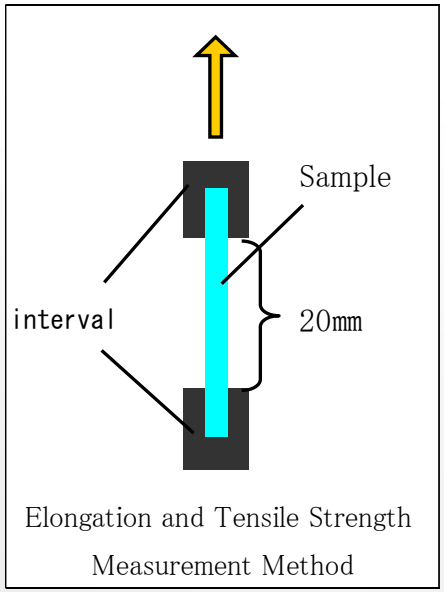
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# Physical Properties

| Product Name | Thickness (μm) | Adhesion (N/25 mm) | Elongation (%) | Breaking Strength (N/10 mm) | Burning Rate (mm/min) |
|---|---|---|---|---|---|
| 201MF80PA-DR | 80 | 28 | 48 | 0.8 | Self-extinguishing |



Adhesion Test Method

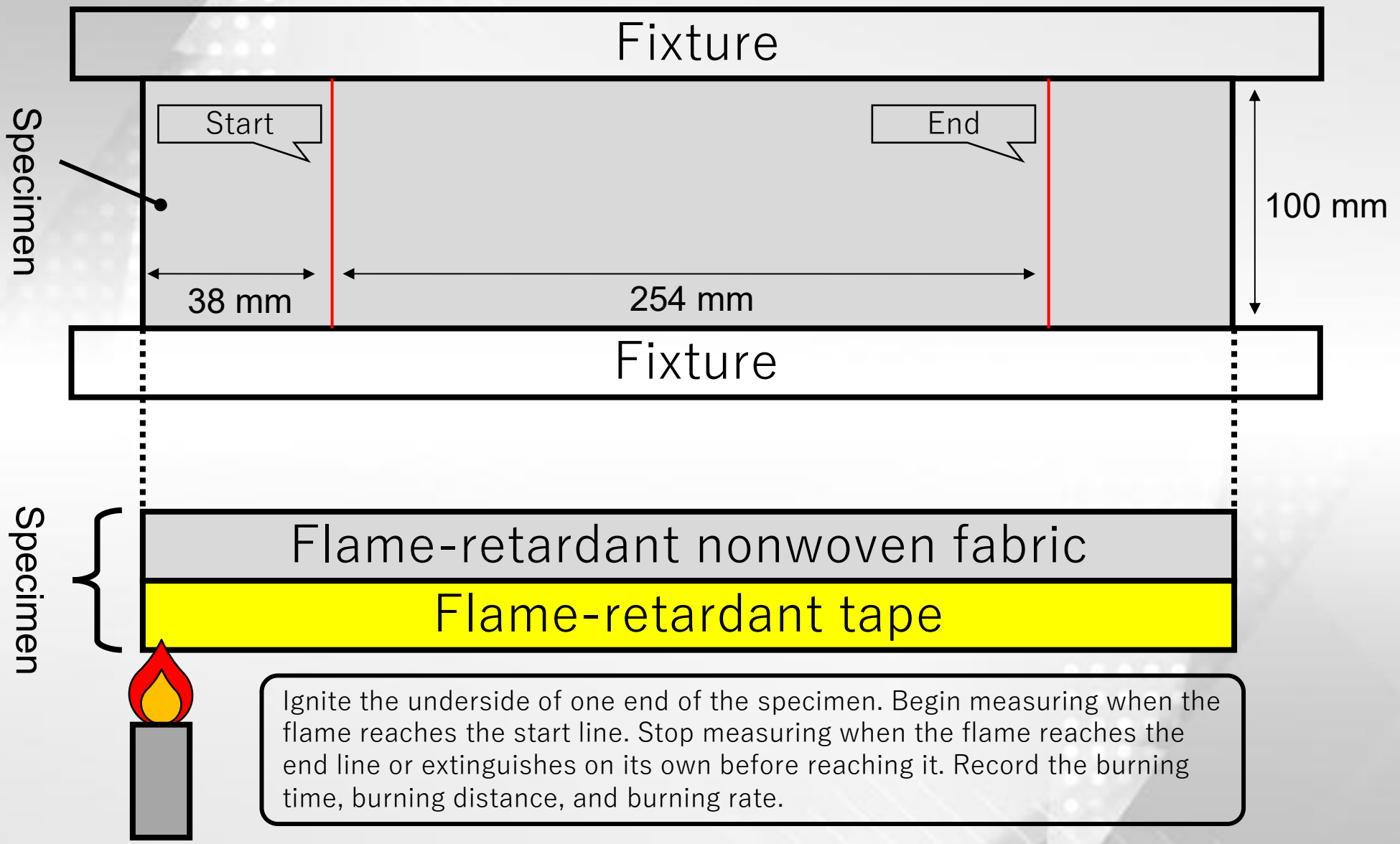


Elongation and Tensile Strength Measurement Method

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# Flame Retardancy Test Method




Ignite the underside of one end of the specimen. Begin measuring when the flame reaches the start line. Stop measuring when the flame reaches the end line or extinguishes on its own before reaching it. Record the burning time, burning distance, and burning rate.

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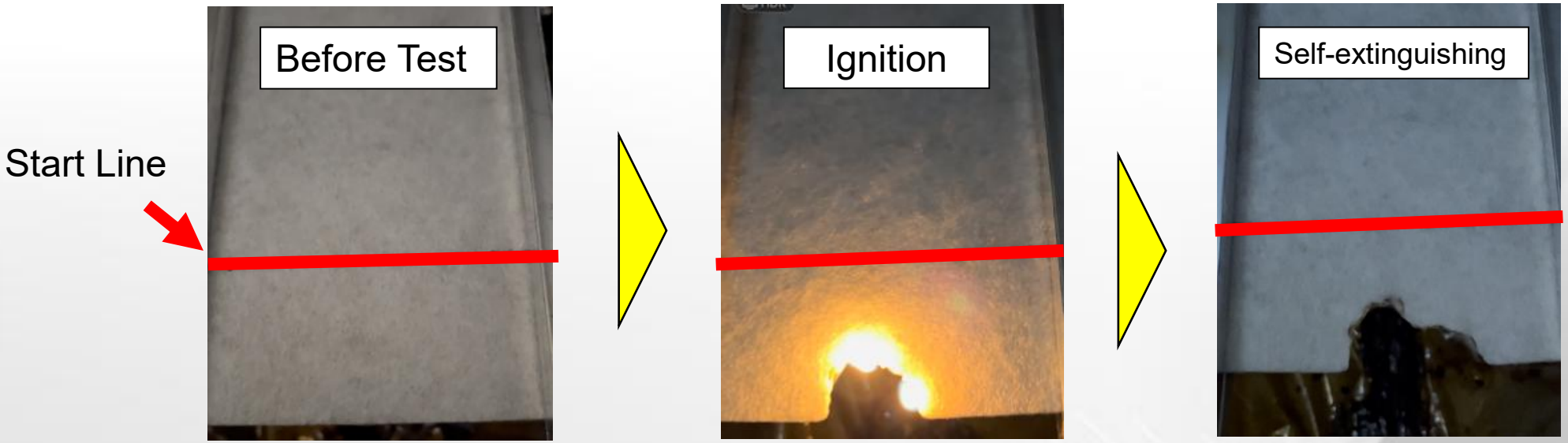
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# Flame Retardancy (Complies with FMVSS No. 302)

| | n数 | Burning Time (s) | Burning Distance (mm) | Burning Rate (mm/min) |
|---|---|---|---|---|
| Sanple1 | n=1 | Extinguished Before Start | | |
| | n=2 | Extinguished Before Start | | |
| | n=3 | Extinguished Before Start | | |
| | n=4 | Extinguished Before Start | | |
| | n=5 | Extinguished Before Start | | |

Acceptance Criteria

- The specimen does not ignite, or extinguishes before reaching the start line
- Extinguishes within a burning distance of 51 mm (and within 60 seconds)
- Burning rate of 102 mm/min or less




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# 最後に　End of presentation

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