

# Laboratory Test Report - PRELIMINARY

<b>Internal Reference Number:</b>	
<b>Customer:</b>	

Test program according to customer specification

## Test A: Thermal resistance

### Conditions

Oven, 100°C, 1h. 3 parallel samples of each adhesive.

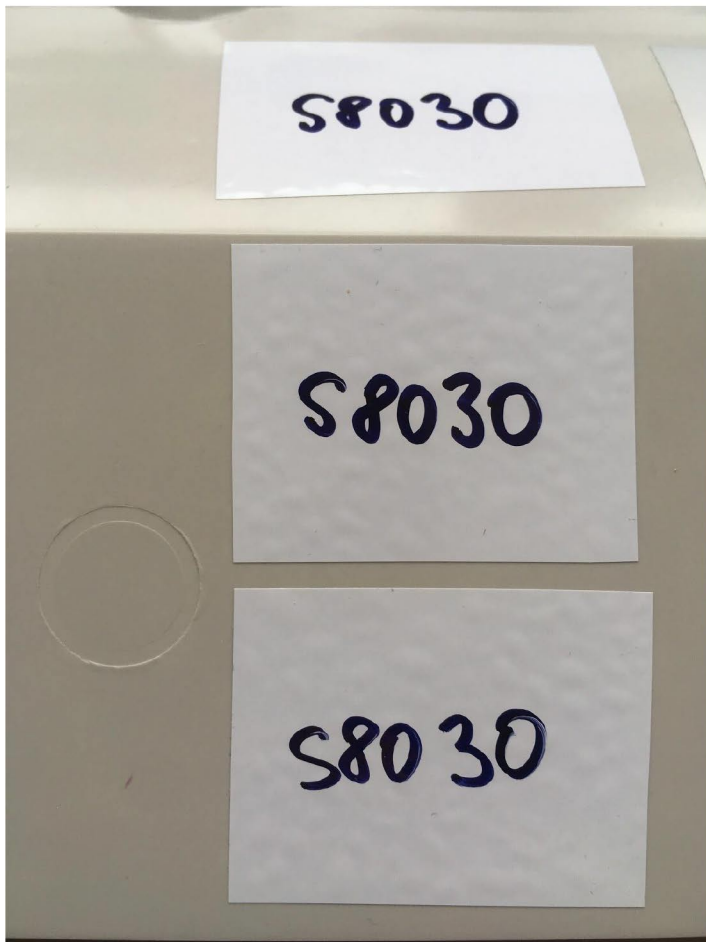
### Results

Best performance was achieved with hybrid adhesives S8029 and S8039. S8030, S8015 and S8002 showed bubbles (see photos below). These adhesives were removed from further testing.

Adhesive	Performance
S8030	✗
S8015	✗
<b>S8029</b>	✓
<b>S8039</b>	✓
S8002	✗
<b>S8040</b>	✓

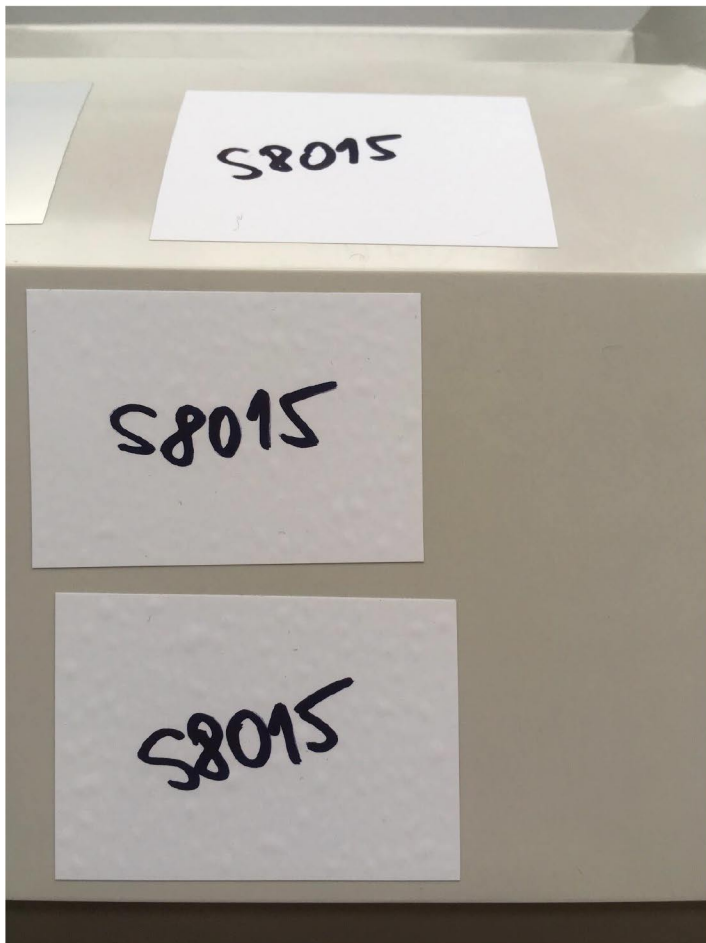
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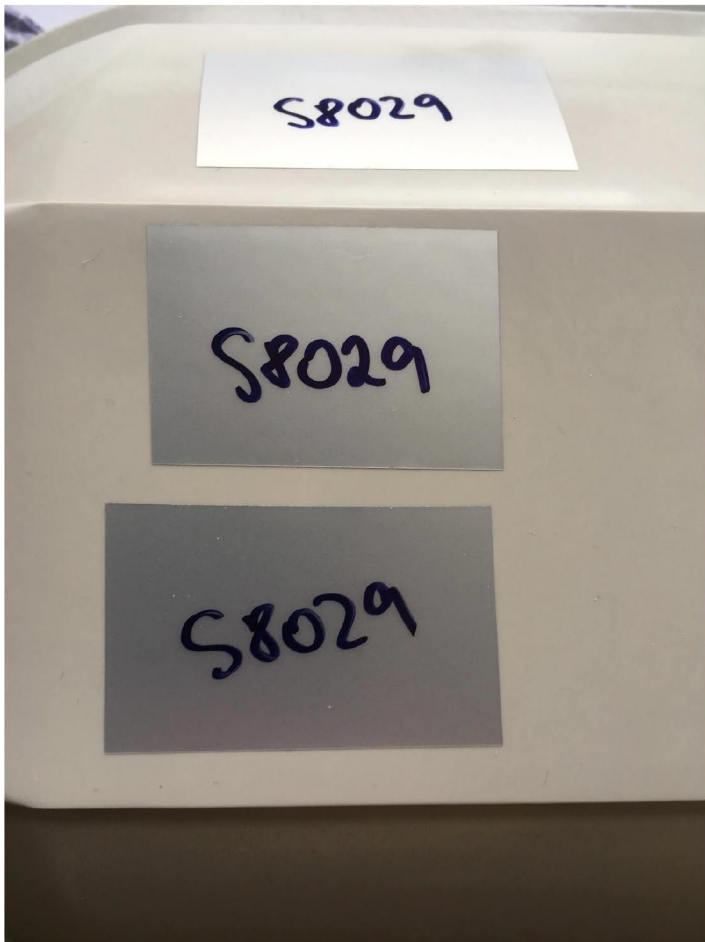


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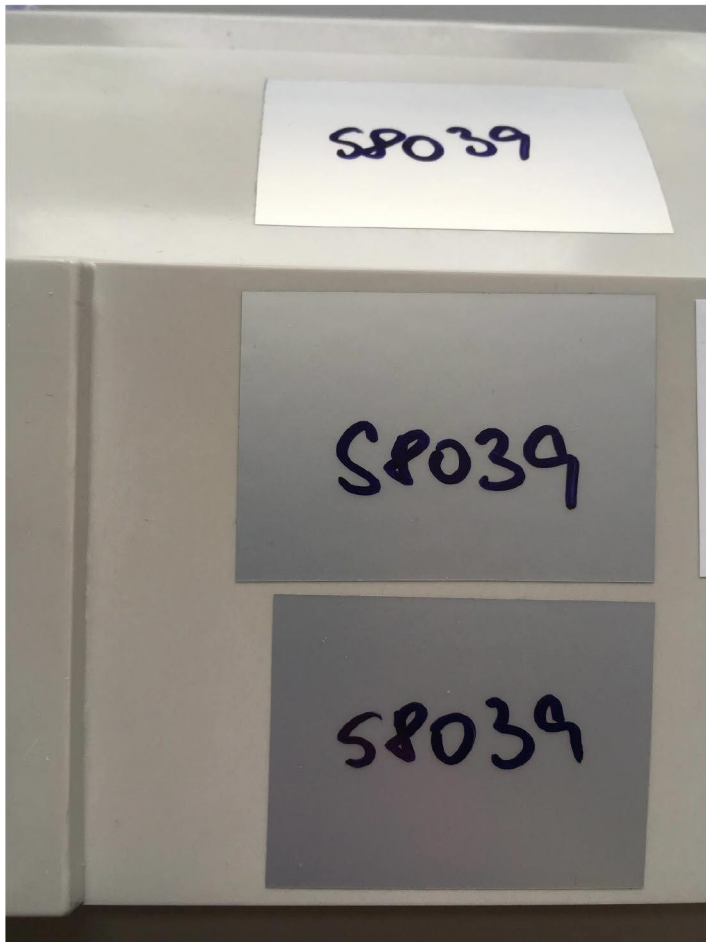
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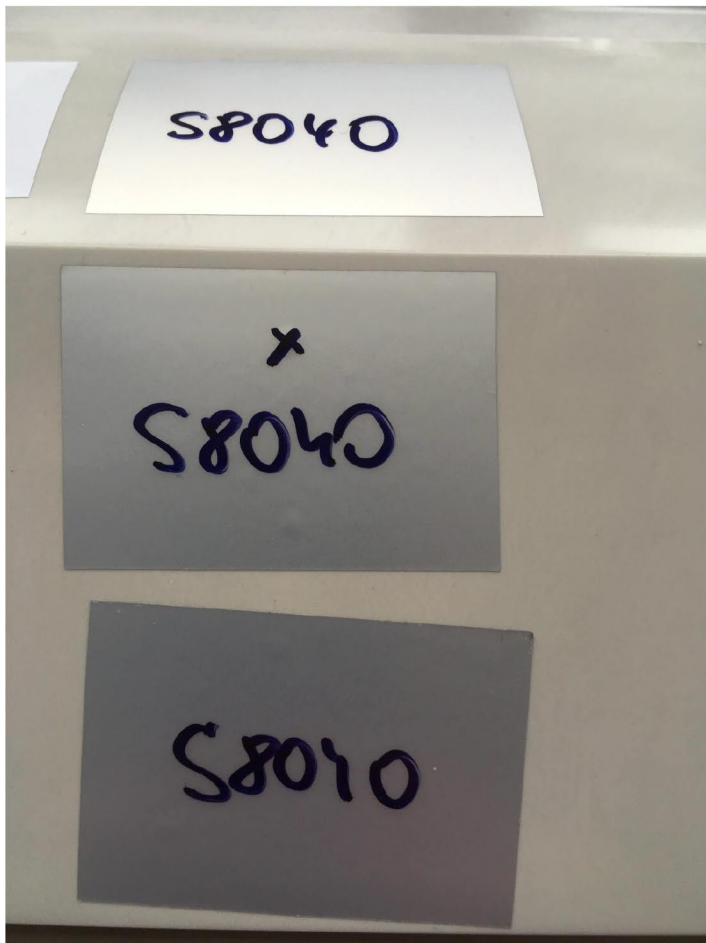
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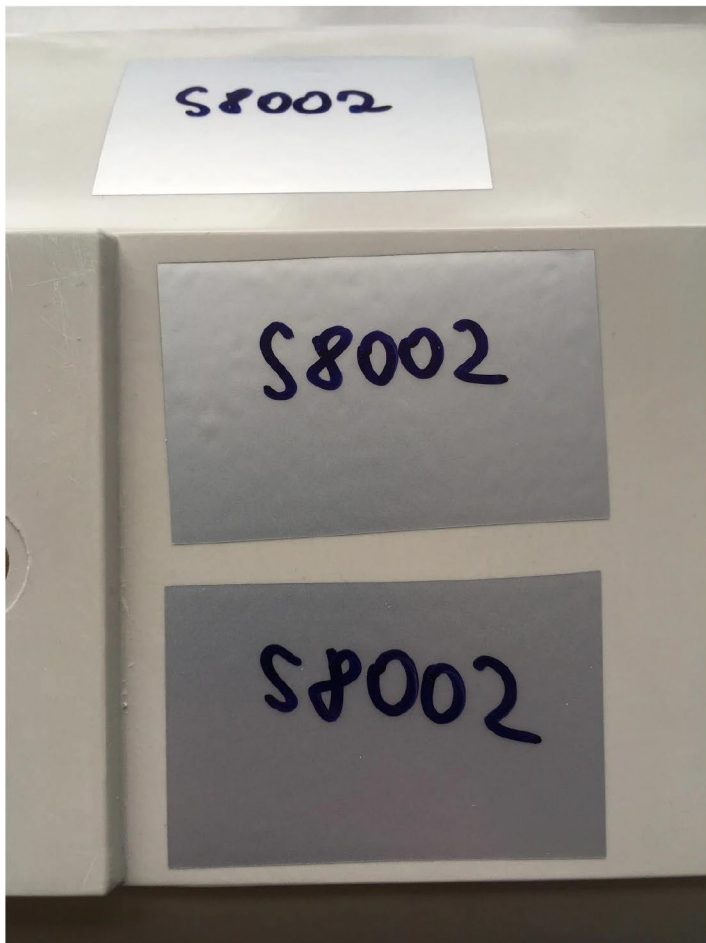
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## **Test B: Indelibility of marking**

### **B1: Humidity aging**

#### **Conditions**

Climate chamber, 25°C, 93% RH, 168h.

#### **Results**

In process

### **B2: Resistance to water**

#### **Conditions**

Rub test performed on crockmeter (9.8N, simulating 1 kg of weight), 15 steps, water soaked standard fabric. 3 samples of [REDACTED]

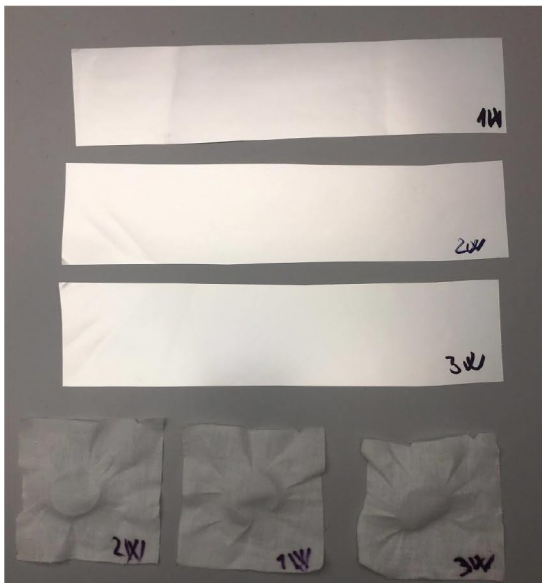
#### **Results**

The face material did not show any changes (see photo below).

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### **C: Thermal aging**

#### **Conditions**

Oven 80°C, 168h.

#### **Results**

In process, so far no changes in the tested material is visible.

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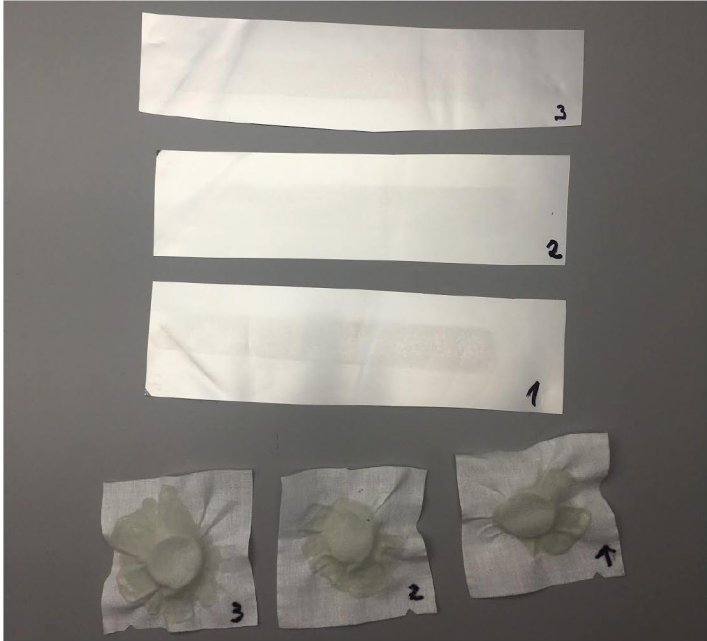
**G: Abrasion resistance**

**Conditions**

Rub test performed on crockmeter (9.8N, simulating 1 kg of weight), 15 steps, standard fabric with scouring cream. 3 samples of [redacted]

**Results**

The samples showed changes in the appearance caused by abrasion (see photo below).



For printed samples, overlamination is recommended to avoid compromising the print.

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## Conclusion

Based on the results mentioned above the following materials are suitable for testing in real conditions of application:

<a href="#">[Redacted]</a>	[Redacted]
<a href="#">[Redacted]</a>	[Redacted]

[Redacted]

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