



A2 adhesive

Description

This solvent based adhesive acrylic with a tissue carrier. It has excellent direct tack , continuous adhesive strength as well as good dynamic & static shear strength. It also displays good UV, temperature & aging resistance . It has been specifically been formulated for open & closed cell foams

Adhesive specifications

- Carrier.....14 gsm non woven tissue paper
- Interliner110 micro PE & silicone coated liner
- Adhesive weight.....90 g/m²
- Total thickness.....100 micro
- Dimensions.....1020 wide x 100 mtr long
- Colour.....Translucent

Temperature Resistance Test

Adhered area: 25 mm * 25 mm => 625 mm²

Materials to be bonded:
 1: Aluminium 30 x 60 mm
 2: Aluminium 30 x 60 mm

Test Conditions:
 Bonded at room temperature
 With pressure roll 5 kg
 Application time 5 min
 Temperature increase: 10 °C every 10 min

Weight: 300 g

Test Result = - 40 °C / + 80 °C

Dynamic Shear Test

Adhered Area: 25 mm * 25 mm => 625 mm²

Materials to be bonded:
 1: Aluminium 30 x 60 mm
 2: Aluminium 30 x 60 mm

Test Conditions:
 Bonded at room temperature
 With pressure roll 5 kg
 Application time 5 min

Test Result = 0.40 N/mm²

Peel Adhesion Test 180°

Adhered Area: 25 mm wide adhesive film

Jaw Separation Rate 300 mm / min

1: Tape to be tested laminated on test film
 2: Stainless steel plate

Test Conditions:
 Bonded at room temperature
 With pressure roll 2 kg
 Application time: 1 h

Test Result
 At 20 mins = 26 N/25 mm
 At 24 hours = 25.5 N/25 mm

Loop Tack Test

Testloop: 25 mm wide adhesive film

Jaw separation rate: 300 mm / min

1: Adhesive loop laminated on test film
 2: Tacktable PE
 3: Specified test surface with specified dimensions

Test Result = 6.1 N/25 mm