

# TAPECONCURRENT

## TAPE OP MAAT

### Technical datasheet

## 5126CW

### Aluminium tape

#### Product description

A nominal 50 micron (2.0 mil) high tensile strength aluminium foil backing, combined with a cold weather solvent acrylic adhesive, protected by an easy-release silicone release paper.

- Aluminium backing provides excellent reflection of both heat and light.
- Cold weather adhesive with moderate adhesion offers good sealing and bonding on Foil-Scrim-Kraft Facing joints and seams in HVAC ductwork application.
- Good aging resistance both indoors and outdoors.
- Low moisture vapor transmission rate offers excellent sealing and patching performance.

#### Applications:

- HVAC industry for joining and sealing Foil-Scrim-Kraft Facing laminated fiberglass blankets or duct board joints and seams.
- joining and sealing flexible air duct seams and connections.
- General purpose; holding, patching, sealing, and masking applications. Indoors and outdoors.

#### Material

Support	aluminium foil
Liner	silicone paper
Adhesive	solvent acrylic
Colour	Silver

#### Technical data

Technical Property	Value	Unit	Test method
Backing thickness	50	micron ( $\mu$ )	PSTC-133 / ASTM D 3652
Total thickness	90	micron ( $\mu$ )	PSTC-133 / ASTM D 3652
Adhesion to steel	15	N/25mm	PSTC-101 / ASTM D 3330
Tack rolling ball	5	cm	PSTC-6 / ASTM D 3121
Tensile strength	75	N/25mm	PSTC-131 / ASTM D 3759
Elongation	3,5	%	PSTC-131 / ASTM D 3759
Service temperature	-35 ~ +120	°C	-
Applying temperature	-20 ~ 40	°C	-

**DISCLAIMER** All statements and information listed above regarding this product are typical values for general guidance, these data don't have to be intended as conformity specification. All information and technical data are based on tests we believe reliable but are not guaranteed for accuracy and completeness. The user must test, evaluate, and validate this product before the use, assuming risks and liability of such use. This product and accordingly the specification, may be revised without prior notice. Tapeconcurrent assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication, or application of the products into which the materials are incorporated.

**Available sizes**

Cut Roll: 48 / 50mm (2") / 60 / 63mm (2.5") / 72 / 75mm (3") / 96mm / 100mm (4")

Log Roll: 1200mm x 45 / 50m

Jumbo Roll: 1200mm x 1000m / 1200m / 1350m

**Important note**

1. The data above are typical values only and should not be used for specifications purpose.
2. Tolerance: Weight and Thickness:  $\pm 10\%$ ; Width:  $\pm 3\text{mm}$ ; Length: Cut Roll:  $\pm 0.3\text{m}$ , Jumbo Roll  $\pm 0.5\%$ .

**Product use**

- It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, free of grease, oil, or other contaminants.
- It is essential that the user evaluate the product to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on products between  $+10 \sim +40^\circ\text{C}$  ( $+50 \sim +105^\circ\text{F}$ ).

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