

DAF 200-R2 (Conformable Sheet)

Product description

DAF 200-R2 is a Polyvinylchloride (PVC) film with a thickness of 200 µm. Based on that thickness and softness the film can be well used as conformal sheet for various applications. Good pressure distribution and levelling for epoxy and acrylic resin systems. Special stabilizers guarantee better temperature stability compared to other PVC films on the market.



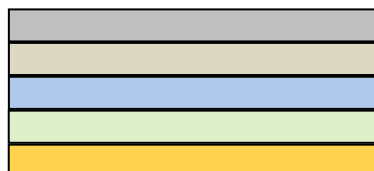
Application

DAF 200-R2 is an easy to use conformal film, which can be used for laminating Aluminium heat sinks to rigid multilayers. Excellent suitable also for pressing coverlays on flexible circuitries and for pressing bonding sheets.

Always use a release film between product and DAF 200-R2. See following example.

Example stack-up for flex application

Press plate
Press pad Thermo 500
Conformal sheet DAF 200-R2
Release film UTF100 or TTF-25
Coverlay



Process parameter (hydraulic press)

Temperature: up to 190 °C

Pressure: 100 - 300 N/cm² (10 – 30 bar)

Material properties

Thickness	200 µm
Surface	transparent
Material	Polyvinylchloride
Thermal stability	190 °C for > 90 min. (thermal stability test)
Surface weight	253 g/m ²
Elongation at break	330-360 %
Tensile stress at break	30-32 MPa

Storage & handling

Temperature: 15 – 25 °C

Humidity: 45 – 65 %

Storage: flat in original package until usage.

Availability

Thickness: 200 µm

Rolls: maximum width: 650 mm

maximum length: 500 m

Sheets: size and punching according customer specification.

The typical values are based on data from production and from sample measurements in the lab. This data should be considered as general information. It is the responsibility of the user to ensure that the product complies with his requirements.

28.04.2016(2) / 22.07.2015