

NEXIPAL®

Silicone Films

WACKER is launching flexible EAP laminates for actuators and capacitive sensors under its NEXIPAL® brand. From 2021 onwards, NEXIPAL® will be available.

NEXIPAL® for electroactive applications consist of one or several ultrathin silicone layers of ELASTOSIL® Film. This film, which is only 20 to 400 µm thick, is coated with special electrodes, laminated and cut to shape. Several layers are then stacked on top of each other.

Properties

- Long stroke
- Silent
- Proportional mode operation
- High energy density
- Elastic, flexible
- High actuation speed
- Energy-saving
- Lightweight
- New or alternative designs possible
- Sensor/Actuator combined
- Highly innovative
- No rare earth metals

QR Code NEXIPAL®



For technical, quality or product safety questions, please contact:

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