SILITECH

SILISIL RTV PC-Flex 20

Technical product information · 10.11.2026

Pourable base component of a condensation-curing RTV-2 silicone for industrial mould making. Values below refer to the respective combination with PC-Curing Agent NF, Standard or PU, in that order.

Typical technical values

Base : catalyst by weight	100:5
Working time at 23 °C – NF / Standard / PU	50 / 90 / 60 min
Setting time at 23 °C – all three catalysts	24 h
Shore A after 24 h at 23 °C – NF / Standard / PU	19 / 17 / 17
Shore A after 72 h at 23 °C – NF / Standard / PU	21 / 20 / 20

Processing

Homogenise each component separately. Select the catalyst intended for the application and mix 100 g base with 5 g of that catalyst. Thoroughly incorporate material from the sides and bottom of the container. Do not combine different catalysts. Adjust the process to the selected combination.

Notes

Read the safety data sheets for all components before processing. Close containers after use.

Typical values for the stated base/catalyst combination at 23 °C. Hardness values include their respective measurement time. Verify compatibility with the model and casting material in preliminary trials.