



### Characteristics and scope of application

- Alloy with special CTE for melting into soft glasses
- Glass and ceramics sealings

### Standard designations

- DN designation Dilaton 46
- Alloy number / UNS 1.3920 / K94600
- Norms DIN 17745 / SEW 385 / ASTM F30
- Typical chemical composition Ni 46%, Fe 54%

### Physical properties

Density	Temperature liquidus line	Inflection temperature	Electrical resistivity	Mean coefficient of thermal expansion
lb/in <sup>3</sup>	°F	°F	Ohm CMF	10 <sup>-6</sup> /°F   68 to 572°F
0.30	2642	860	271	3.9 – 4.7

### Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
ksi	ksi	%
74*	41*	40*

\* soft annealed