

## WS2 (tungsten disulfide)

The slick one.

The dry lubricant for the highest demands.

This reduces the coefficient of friction exhibited by normal PVD coatings by the factor ten.

### Properties

Type	Lubricant coating
Process	WS2
Material	WS2
Hardness	300 HV
Coating thickness	ca. 0,5 µm
Coefficient of friction vs. steel	(0,03)
Coating temperature	ca. 20 °C
max. Service temperature	650 °C
Colour	dark blue grey

### Sample applications

- forming
- precision mechanics
- fluid power systems and components
- roller and plain bearings
- vacuum technologies

