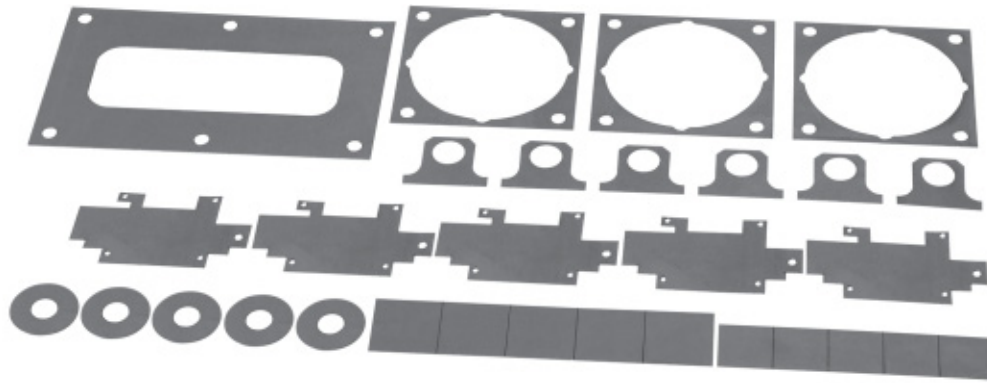


High thermoconducting graphite foils



- high-compressed anisotropic natural graphite
- very good thermal characteristics
- optimal for heat spreading
- high operating temperature range
- different material thicknesses and coatings upon request
- customer specified cuttings and stampings acc. to drawing

art. no.	width [mm]	type of delivery	art. no.	width [mm]	type of delivery
WLFG 9010 R 25	25	sold by the meter	WLFG 9020 R 25	25	sold by the meter
WLFG 9010 R 50	50	sold by the meter	WLFG 9020 R 50	50	sold by the meter
WLFG 9010 R 100	100	sold by the meter	WLFG 9020 R 100	100	sold by the meter
WLFG 9015 R 25	25	sold by the meter	WLFG S 900 K R 25	25	sold by the meter
WLFG 9015 R 50	50	sold by the meter	WLFG S 900 K R 50	50	sold by the meter
WLFG 9015 R 100	100	sold by the meter	WLFG S 900 K R 100	100	sold by the meter

	WLFG 9010	WLFG 9015	WLFG 9020	WLFG S 900 K
description	base film made of graphite, electrically conductive	graphite foil, electrically conductive		
version	single sided adhesive coating			
overall thickness	0.15 mm	0.2 mm	0.25 mm	0.175 mm
thermal resistance	0.09 K/W	0.07 K/W	0.23 K/W	0.08 K/W
thermal impedance	36 °C mm ² /W	28.8 °C mm ² /W	72 °C mm ² /W	34 °C mm ² /W
thermal conductivity z (x/y)	5,5 (55) W/m·K	6 (55) W/m·K	4 (55) W/m·K	7,5 (>450) W/m·K
temperature range	-40 °C ... +500 °C			
hardness range	30 Shore D			
tensile strength	5.5 N/mm ²	6 N/mm ²	5.5 N/mm ²	10 N/mm ²
elongation at break	10 %			5 %
tightness	1 g/cm ³			>1.6 g/cm ³
class of flammability	UL 94 V-0			