


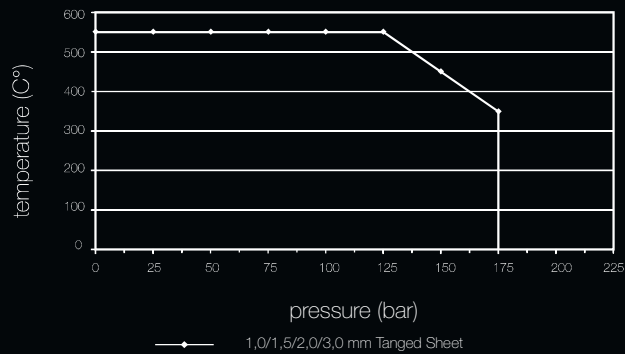


Flexigraf® and Unigraph® graphite based gasketing materials suitable for demanding applications at higher temperatures.

FLEXIGRAF®	FGS3	FGS4	FGS1
Colour			
Composition	Graphite laminate reinforced with a tanged stainless steel core	Graphite laminate reinforced with a flat stainless steel core	Graphite laminate reinforced with a pure nickel foil core
Density DIN 28090-2 (g/cm ³)	1,2 - 1,5	1,15 - 1,45	1 - 1,2
Min/Max recommended Peak Temperature (°C)	-200/+550	-200/+550	-200/+550
Max operating pressure (Bar)	200	150	150
Leakage DIN 3535-6 (mg*s-1*m-1)	≤ 0,1	≤ 0,1	≤ 0,1
Creep relaxation DIN 3535-6 (%)	≤ 5	≤ 5	≤ 5
Conformability DIN 3535-6 (%)	30 - 45	30 - 45	30 - 45
Recovery DIN 3535-6 (%)	3 - 7	3 - 7	3 - 7
Availability			
Sheets size (mm)	1,500x1,500 1,000x1,000 1,500x1,000	1,500x1,500 1,000x1,000 1,500x1,000	1,500x1,500 1,000x1,000 1,500x1,000
Thickness (mm)	0,5 to 3	0,5 to 3	0,5 to 3
Tolerances			
Sheets size (mm)	+/- 50	+/- 50	+/- 50
Thickness (%)	+/- 10	+/- 10	+/- 10

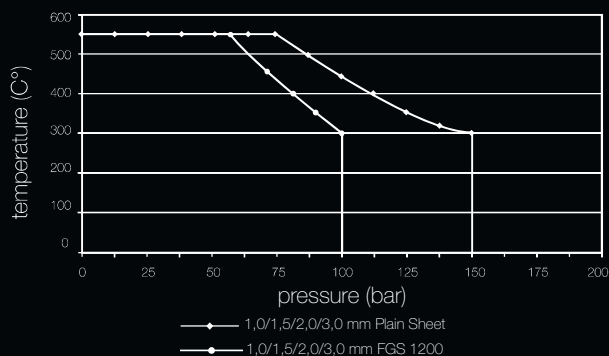
Flexigraf® FGS3



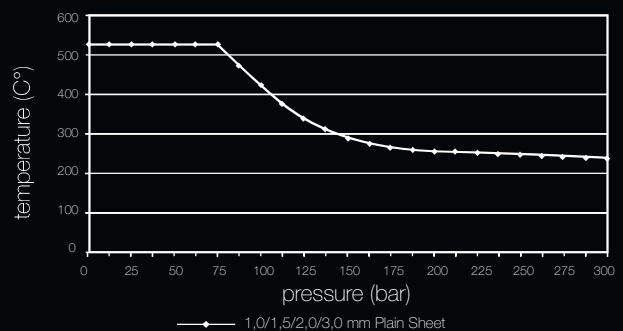
For a detailed list of approvals, please visit the dedicated area on our website www.fmi-spa.com/approvals

FGS1200	MULTIFLEX	MULTIFLEX HPT	UNIGRAPH 500	UNIGRAPH 500 HD	UNIMETAL
Graphite laminate reinforced with a pure aluminium alloy core	Graphite laminate reinforced with a flat stainless steel multilayers core	Graphite laminate reinforced with a tanged stainless steel multilayers core	Graphite based with polymer coating both sides	Graphite based with polymer coating both sides	Graphite based wire mesh reinforced with polymer coating both sides
1 - 1,2	1,3 - 1,6	1,4 - 1,6	0,9 - 1,1	1,3 - 1,5	0,9 - 1,1
-200/+550	-200/+550	-200/+550	-200/+450	-200/+450	-200/+450
100	300	300	100	100	150
≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1
≤ 5	≤ 5	≤ 5	≤ 8	≤ 8	≤ 8
30 - 50	30 - 45	30 - 45	40 - 50	25 - 35	40 - 50
3 - 7	3 - 7	3 - 7	3 - 7	3 - 7	3 - 7
1.500x1.500 1.000x1.000 1.500x1.000	1.500x1.500 1.000x1.000 1.500x1.000	1.500x1.500 1.000x1.000 1.500x1.000	1.500x1.500 1.500x1.000	1.500x1.500 1.500x1.000	1.500x1.500 1.500x1.000
0,5 to 3	1 to 6	1 to 6	0,5 to 3	0,5 to 3	0,5 to 3
+/- 50 +/- 10	+/- 50 +/- 10	+/- 50 +/- 10	+/- 50 +/- 10	+/- 50 +/- 10	+/- 50 +/- 10

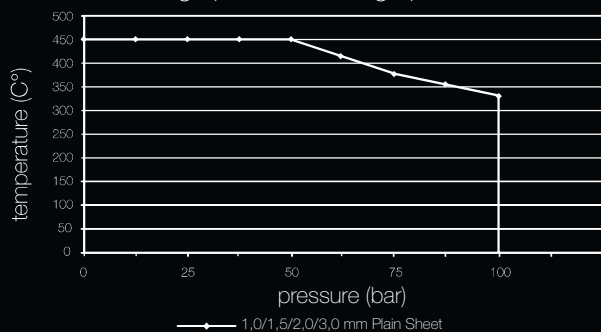
Flexigraf® FGS4 - FGS1 - FGS1200



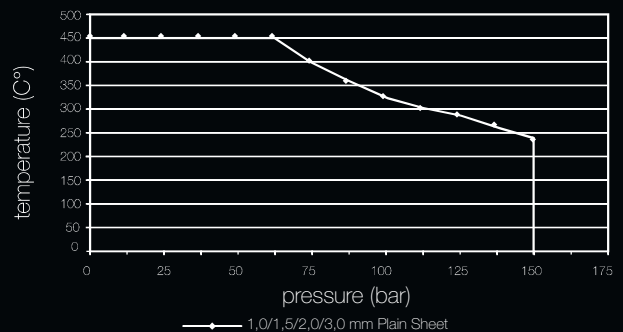
Flexigraf® MULTIFLEX - MULTIFLEX HPT



Unigraph500® - Unigraph500HD®



Unimetal®



Other sheet sizes and thicknesses available upon request.
Maximum temperature and pressure values cannot be used simultaneously.
Typical parameters of 1.5 mm thickness jointing.