




STYLE 1200



 <p style="text-align: center;">Style 1200</p>	<p>Style 1200 is made of expanded graphite foil without insertion. This compressed sheets are also used in manufacturing of exaded flexible graphite materials with stainless steel reinforcement.</p> <p>Style 1200 is used as a gasket material for low pressures and high temperature; also as a layering material for cam profile gaskets and as an insert material for PTFE-envelope gaskets.</p>
 <p style="text-align: center;">Style 3002A</p>	<p>Style 3002A is an expanded graphite foil laminate with one or more thin, flat stainless steel 316 insertion. It is used for high pressure and high temperature conditions. This material finds many applications in both chemical and petrochemical industries.</p>
 <p style="text-align: center;">Style 3001A</p>	<p>Style 3001A is expanded graphite foil reinforced with a single or more insertions of tanged 0.10mm thick 316 stainless steel. No adhesive is used to bond the graphite layers. This sheet is used frequently in flange connections for piping and machinery. It is extremely suitable for steam systems, in chemical and petrochemical industries, processing industry, etc.</p>

Standard Sheet Size . 1000*1000mm, 1500*1500mm, 2000*2000mm. Other size upon request.

Technical Properties

	Style 1200	Style 3002A	Style 3001A
Thickness mm	1.0 1.5 2.0 3.0	0.75 1.0 1.5 2.0 3.0	1.0 1.5 2.0 3.0
Max temperature °C	-200°C to +500°C oxid - 200°C to +650°C steam	-200°C to +500°C oxid -200°C to +650°C steam	-200°C to +500°C oxid -200°C to +650°C steam
Max pressure bar	40	140	140
Density g/cm ³	1.1	1.1	1.1
Ash content % DIN 51 903	≤1.0	≤1.0	≤1.0
Leachable chloride content ppm	≤50	≤50	≤50
Material of insertion DIN/ASTM	-	1.4401/SS316(flat)	1.4401/SS316(tanged)



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Thickness of insertion mm	-	0.05	0.1
No. of inserts	-	1 1 1 1 2	1 1 1 1
Gas permeability cm ² /min	<0.30<0.60<0.80<0.80	≤0.60	,0.60<0.60<0.80<1.0
Spec. leak pate mg/s/m	<0.05<0.08<0.1<0.1		
Stress relaxation N/mm ² DIN 52 913,16h/300°C	>47	≥45	>48 >48 >48 >45
Compressibility % ASTM F 36A-66	40-50	40-50	30-35 30-40
Recovery % ASTM F 36A-66	10-15	10-15	15-20
Min. gasket assembly stress N/mm ²	20	10	20
M DIN factor	1.3	1.3	1.3
Max. permissible gasket stress N/mm ²	160 140 120 120	100	180 160 140 120
Max. permissible gasket stress N/mm ² under service conditions	140 120 100 100	60	160 140 120 100
M ASTM factor	2	2	3 3 2.5 2.5
Y psi ASTM factor	1500	900	9000 9000 4000 4000

STYLE	PRODUCTS
1200/1200A	Pure flexible graphite sheet/gasket
3001A/3101A	Tanged SS316 reinforced flexible graphite composite sheet/gasket
3001B/3101B	Tanged SS304 reinforced flexible graphite composite sheet/gasket
3002A/3102A	Flat SS316 reinforced flexible graphite composite sheet/gasket
3002B/3102B	Flat SS304 reinforced flexible graphite composite sheet/gasket
3002C/3102C	Flat nickel foil reinforced flexible graphite composite sheet/gasket
3002D/3102D	Flat aluminium foil reinforced flexible graphite composite sheet/gasket
3003A/3103A	SS316 mesh-reinforced flexible graphite composite sheet/gasket
3003B/3103B	SS304 mesh-reinforced flexible graphite composite sheet/gasket
3003C/3103C	Aluminium mesh-reinforced flexible graphite composite sheet/gasket
3003D/3103D	Fiberglass mesh-reinforced flexible graphite composite sheet/gasket
3004/3104	Tanged tinplate-reinforced flexible graphite composite sheet/gasket
3005/3105	Polyester reinforced flexible graphite composite sheet/gasket
3006A/3106A	External-laminated SS316 reinforced flexible graphite composite sheet/gasket



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3006B/3106B	External-laminated SS304 reinforced flexible graphite composite sheet/gasket
3006D/3106D	External-laminated aluminium foil reinforced flexible graphite composite sheet/gasket
3006F/3106F	External-laminated PTFE film reinforced flexible graphite composite sheet/gasket



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