



G3001HDA

Nexus **G3001HDA** is a multilayer Graphite sheet gasket made up of 0.5 mm thick layers of high-quality graphite foil and 0.05 mm thick stainless steel foil. Several layers of graphite and stainless steel foil are joined together to form a single gasket sheet of exceptional capability.

High mechanical strength:

- High compressive strength
- High blow-out resistance
- High rigidity

Ease of handling:

- Resistant to buckling
- Scratch resistant
- Anti-stick surface

Very resilient:

- No adhesives and binders.
- No ageing or embrittlement.
- Good resistance to chemicals.
- Resistant to thermal shock.
- No health hazard; asbestos-free.

THICKNESS	mm	1	1.5	2	3	4
SIZE	mm	L x W ≤ 1500 x 1500				
APPEARANCE	SMOOTH BLACK SURFACE. NO OBVIOUS AIR BUBBLES, CRACKS, FOLDS OR NICKS.					
THICKNESS (TOLERANCE)	mm	±0.05	±0.05	±0.10	±0.10	±0.10
NUMBER OF STEEL FOILS	Per Sheet	1	2	3	5	7
THICKNESS OF 316 S/S FOIL	mm	0.05				
GRAPHITE DENSITY	g/cm ³	1.0				
DENSITY (TOLERANCE)	g/cm ³	±0.15				
COMPRESSIVE RATE	%	30~45				
RESILIENT RATE	%	≥10				
STRESS FLAB RATE	%	≤7				
IGNITION LOSS	450 °C/1h	%				
SULPHUR CONTENT	PPM	<1000				
CHLORIDE CONTENT	PPM	<50				
CARBON CONTENT	%	>98				
PRESSURE	bar	<250				
TEMPERATURE	OXIDISING	°C				
	INERT	<800				