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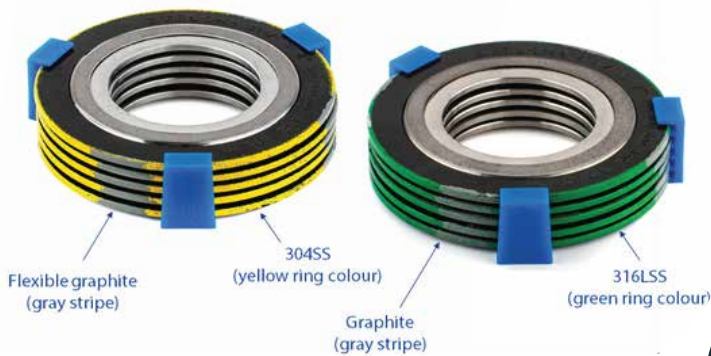
ORDINEM
ENGITECH (INDIA) PVT LTD

J-1913, GIDC ANKLESHWAR-393002 (DIST-BHARUCH), GUJARAT- INDIA

ORDINEM ENGITECH (INDIA) PVT. LTD.

ORDINEM ENGITECH (INDIA) PVT. LTD. based at Ankleshwar, Gujarat has set-up a new plant with state-of-the-art CNC-Automatic, Semi-Automatic machines to facilitate production of world class 'Spiral Wound Gasket (SWG)' products conforming to international standards like, API-601, ASME-B16.20, ASME-B-16.5, ASME-B16.47A, ASME-B16.47B, DIN-EN-1092-1 (German Standards) and BS-EN-1092 (British Standards) for SWG.

Metallic & Semi-Metallic Gaskets



Ordinem gaskets will seal flanges where temperature, pressure, vibration or flow rates are beyond the capability of conventional jointing materials. They are wound in V-Section metal strip & filler material so that flange faces are presented with spiral of alternate metal/ filler layers.

TYPICAL APPLICATION:

Pipelines | Pressure Vessels - Steam | Oil & Gas | Petrochemicals | Metallurgical Nuclear | Marine and Hydraulic Equipments | Heat Exchangers etc.

Prime Features:

- Gaskets are made to a wide variety of Sizes & Configuration.
- Combinations of metal winding strip and filler are selected to suit the fluid media and other operating conditions.
- Operate temperatures from cryogenics up to + 5000° C
- System pressure from high vacuum to over 35 MPa / 350 Bar (e.g. 43 Mpa / 430 Bar considered for Class 2500 Flanges.) Support rings inside and/or Outside of Spiral windings make
- Gasket suitable for high line pressure on flat or raised flange faces.

Spiralwound Color Chart

Metallurgy - Ring OD Color		
304 SS	Yellow	Yellow
316 SS	Green	Green
321 SS	Turquoise	Turquoise
347 SS	Blue	Blue
Alloy 20	Black	Black
Carbon Steel	Silver	Silver
Hastelloy B	Brown	Brown
Hastelloy C	Beige	Beige
Inconel	Gold	Gold
Monel	Orange	Orange
Nickel	Red	Red
Titanium	Purple	Purple

Filler Material - Stripe Color		
Mica Paper	Pink	Pink
Graphite	Grey	Grey
PTFE	White	White
Ceramic	Light Green	Light Green

Technical Information

Type CGI (Gasket with Centering Ring & Inner Ring)

- Solid metallic inner & outer ring
- Suitable for high pressure and temperature applications
- Standard spiral wound gasket for raised face applications
- Prevents turbulence and erosion damage to flange
- Prevents damage to the gasket bore and inner windings
- Inner ring acts as a heat shield and as a corrosion barrier
- Wide choice of materials for filler and metal strip
- General and critical duties

Type CG (Gasket with Centering Ring)

- Solid metallic outer ring used as a centering device and compression stop
- Used mainly on raised face and flat face flanges
- Wide choice of materials for filler and metal strip
- General duties

Type GI (Gasket with Inner Ring)

- Solid metallic inner ring
- High pressure & high temperature capability
- Male to female flanges in vessels, valves and pumps
- Wide choice of materials for filler and metal strip
- General and critical duties

Type G (Gasket Only)

- Wide choice of materials for filler and metallic strip
- Suitable for high pressure and temperature applications
- Recommended flanges are tongue & groove, male to female & flat face to recess in vessels, valves and pumps
- General and critical duties

Technical Information

Temperature Limits for Filler Material:

MATERIAL	MINIMUM °C	MAXIMUM °C
FLEXIBLE GRAPHITE	-212	510
E-PTFE	-240	260
MICA	-212	1000
NON-ASBESTOS	-100	250

Temperature Limits for Common Metals

MATERIAL	MIN.	MAX.	ABBREVIATIONS
SS 304	-195	760	304
SS 316L	-100	760	316L
SS 317L	-100	760	317L
SS 321	-195	760	321
SS 347	-195	925	347
CARBON STEEL	-30	540	CSR
ALLOY-20	-185	760	A-20
HASTELLOY B 2		815	HAST B
HASTELLOY276		1035	HAST C
INCOLOY 800	-100	810	IN 800
INCOLOY 825	-100	810	IN 825
INCOLOY 600	-100	1090	INC 600
INCOLOY 625	-100	980	INC 625
INCOLOY X7	-100	730	INX
MONEL 400	-130	820	MON
NICKLE 20	-195	760	NI
TITANIUM	-195	1090	TI

Gasket Sheets & Precut Gaskets

All types of CNAF AND CAF gasket sheets Namely (Style- 20, 39, 51, 54, 59, 55, 60 & AF 120, 154, 139, 159, 160)- AVAILABLE WITH BOTH Non metallic and metallic version.

All types Precut Gaskets of CNAF AND CAF gasket sheets Namely (Style- 20, 39, 51, 54, 59, 55, 60 and AF 120, 154, 139, 159, 160)- AVAILABLE WITH BOTH Non metallic and metallic version.

Tailored made gaskets of all above style are available.



Gland Packings & Teflon Tapes

PTFE THREAD SEAL TAPES

Sizes- 1/2", 3/4", 1" in 12 Mtrs length

All Types of gland packing for Different Industrial application



Other Products

PTFE PRODUCTS

SHEETS & PRECUT GASKETS OF Unfilled Teflon® Gaskets (Virgin Teflon® Gaskets), PTFE, Glass Filled Gaskets, PTFE, Carbon Filled Gaskets, PTFE, Graphite Filled Gaskets

EXPANDED PTFE

Expanded PTFE sheet is an extremely compressible material manufactured from 100% virgin PTFE. It is a food grade approved product and has excellent resistance to a wide range of chemicals, making it a popular sealing material in the food, drink and pharmaceutical industries.





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