



A NEW STANDARD IN QUALITY & SERVICE

14227 INTERDRIVE E, HOUSTON, TEXAS 77032
PHONE: (832) 406-7358
FAX: (832) 202-2752

GOODYEAR
RUBBER PRODUCTS, INC.

 727-342-5088

You can also email us at
GRP@goodyearrubberproducts.com

MISSION



TO BE THE PREMIER SUPPLIER OF HIGH QUALITY GASKETS IN THE INDUSTRIAL MARKET. WE WILL PROVIDE VALUE ADDED SERVICES TO OUR CUSTOMERS THROUGH QUICK RESPONSE, COMPETITIVE PRICING AND SUPERIOR FLUID SEALING PRODUCTS.



OUR PRODUCTS



SPIRALWOUND GASKETS

STYLE	DESCRIPTION
S	SPIRAL ONLY
SI	SPIRAL WITH INNER RING
GS	SPIRAL AND OUTER RING
GSI	SPIRAL WITH INNER AND OUTER RING
GSI-LL	LOW LOAD SPIRAL WITH INNER AND OUTER RING
GSI-HF	SPIRAL FOR HF TYPE APPLICATIONS
GSI-HTG	SPIRAL FOR HIGH TEMPERATURE APPLICATIONS
GSI / GS – KP-3 RJ	SPIRAL TO SEAL DAMAGED RTJ GROOVES – RF TO RTJ FLANGES
MW / MWI	SPIRAL FOR BOILER DOOR APPLICATIONS

OTHER SEALING PRODUCTS

PTFE SHEET IN VARIOUS FORMS
NON-ASBESTOS SHEET – NA-3S
GRAPHITE SHEET – STYLE GF & GT

KAMMPROFILE GASKETS

STYLE	DESCRIPTION
KP-1	KAMMPROFILE RING FOR HEAT EXCHANGER APPLICATIONS
KP-2	KAMMPROFILE WITH AN INTEGRAL OUTER RING
KP-3	KAMMPROFILE WITH LOOSE FITTING OUTER RING

CORRUGATED METAL GASKETS

STYLE	DESCRIPTION
CMS	CORRUGATED FOR STANDARD SIZED FLANGES
CMH	CORRUGATED FOR HEAT EXCHANGERS

DOUBLE JACKETED

STYLE	DESCRIPTION
DJS	DJ FOR STANDARD SIZED FLANGES
DJH	DJ FOR HEAT EXCHANGERS

TECHNICAL SERVICE SUPPORT



- Gasket Recommendation
- Design Assistance
- Drawings
- Torque Calculations
- Customer Training

Torque Calculator

(ASME PCC-1-2013 / Appendix O)

Customer Name	Eixon
Customer Contract	Cliff Hay
Equipment Reference	E-4534
Gasket Position	Shell Gasket

3S Drawing Number	3SGSKTRT20181008-0
Gasket Style	Kamm KP-1, KP-2, KP-3
Gasket "m" value	2.5
Gasket "y" value	2500
Gasket ID	59.00
Gasket OD	61.00
Gasket Shape	Ring

Bolt Grade	B7/L7
K Factor	0.17
Bolt Diameter	1.314 in
Number of Bolts	48
Minimum Bolt Stress	31500 psi
Selected Bolt Stress (O-T)	63000 psi
Maximum Bolt Stress	78750 psi

Gasket Stress (Sgt)	31749	psi
Minimum Required Gasket Stress (Sg min-r)	20000	psi
Minimum Gasket Stress in Operation (Sg min-o)	14000	psi
Maximum Gasket Stress (Sg max)	55000	psi

Torque (O-2)	3091	Ft-lb					
1st Pass	773	2nd Pass	545	3rd Pass	2316	Final Pass	3091

Gasket Stress (psi)

Bolt Stress (psi)

Actual Stress		Minimum / Maximum Stress
O-4	TRUE	Bolt Stress - Upper Bolt Limit Controlled
O-5	TRUE	Bolt Stress - Lower Bolt Limit Controlled
O-6	TRUE	Bolt Stress - Flange Limit Controlled
O-7	TRUE	Gasket Assembly Seating Stress is Controlled
O-8	TRUE	Gasket Operating Seating Stress is Achieved
O-9	TRUE	Gasket Maximum Stress is Maintained
O-10	TRUE	Flange Rotation Limit is not Exceeded

DATE: 11/02/18		CUSTOMER:	GASKET TYPE: 3" 2500b KP3-RJ
SHEET: 1 of 1		EQUIPMENT:	DRAWN BY: RT APPROVED BY: KA
REV 0		DRAWING NUMBER: 3SGSKTRT20181102-0	

technical@3sgaskets.com
(832) 406-7358

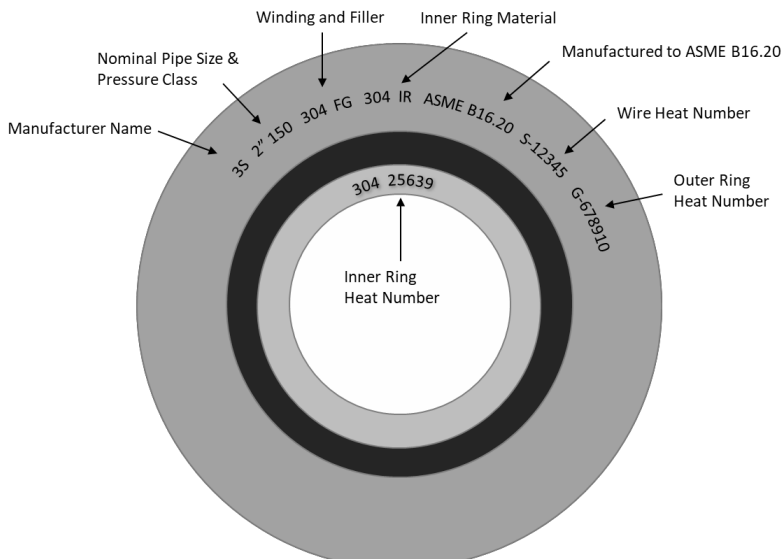
QUALITY & COMPONENT TRACEABILITY



- SUPERIOR GRADE INHIBITED GRAPHITE ON ALL STANDARD AND NON-STANDARD SEMI-METALLIC GASKETS.
- CONTINUOUS TESTING IS PERFORMED ON OUR GASKETS TO ENSURE THEY COMPLY WITH RELEVANT STANDARDS.
- FULL TRACEABILITY ON ALL SEMI-METALLIC GASKETS – STAINLESS/ ALLOY COMPONENTS.
- CUSTOMER ACCESS TO THEIR MTRS THROUGH www.3sgaskets.com.



FULL TRACEABILITY





3S NORTH AMERICA
14227 INTERDRIVE E,
HOUSTON, TEXAS 77032

www.3sgaskets.com
sales@3sgaskets.com
technical@3sgaskets.com

3S CHINA
16 HENGPENG RD,
CIXI, NINGBO, 315302

GOODYEAR
RUBBER PRODUCTS, INC.

 **727-342-5088**

You can also email us at
GRP@goodyearrubberproducts.com