



DICHTOMATIK[®]
AMERICAS

a brand of  **FREUDENBERG**

DA Code	Color	Compound	Max Pressure (psi)	Continuous Pressure (psi)	Max Temp. (°F)	Continuous Temp. (°F)	Min. Temp. (°F)	Comments
TEF301*	Fawn	Silica PTFE	1200		500		-450	General acid and caustic - FDA approved
TEF201*	White	Barium Sulfate PTFE	1200		500		-450	Strong caustic fluids - FDA approved
TEF101*	Blue	Glass Filled PTFE	800		500		-450	Aggressive chemicals - FDA approved
TEF001*	White	Expanded PTFE	2900		600		-450	FDA approved
TEF002	White	Virgin PTFE			500		-328	FDA approved
TEF003	White	25% Glass PTFE			500			FDA - wear resistant
NA101*	Blue	NBR/Aramid	1595	725	750	464		Broad versatility
NA102	Black	Neoprene/Aramid	725		698	392		Refrigerants
NA103	Light Grey	SBR/ Aramid	1015	725	716	518		Water, brine, general chemicals
NA202	Light Grey	SBR/ Aramid	1015	725	716	518		Water, brine, general chemicals
NA201*	Light Blue	NBR/Aramid	1595	725	752	500		Mild acid, gasoline, oil, chemicals
NA203	Blue	CSM/Aramid	1015	725	464	392		Acid service
NA204	White	Swell Sheet	1000	500	650	400		Used in difficult to seal applications
NA205	Black	NBR/Aramid	1560	1140	750	480		Broad versatility
NA400	Black	NBR/Graphite	1885	1015	750	518		Broad versatility
NA401	Grey	NBR/Carbon	1885	1015	842	518		Versatile for multiple applications
NA301*	Black	NBR/Aramid	2177	1480	1022	806		Steam service
GR301*	Black	Graphite, 316L Foil	3600		1202		-418	High temp, high pressure
GR001	Silver/Black	Graphite	2030		842			1202F in steam, 5432F in reducing/inert media
GR101*	Silver/Black	Graphite, 316L Foil	2030		842		-328	1202F in steam, 5432F in reducing/inert media
GR201*	Silver/Black	Graphite, 316L Foil	2030		842		-328	1202F in steam, 5432F in reducing/inert media
GR401	Silver/Black	Graphite, Mylar	2030		842			1202F in steam, 5432F in reducing/inert media

*Good Availability

Code	Rubber	Color	Min Temp. (°F)	Max Temp (°F)	Comment
E60G	EPDM	Black	-40	212	Ozone, steam, strong acids and alkali.
V70G	FKM	Black	0	400	Chemical
N60G	NBR	Black	-20	170	Oil and Hydrocarbons - White FDA approved is available
C60G	Neoprene	Black	-20	170	Multipurpose - Oil and Ozone
SB75G	SBR	Red	-20	170	Water and weak acids
S60G	Silicone	Red	-40	400	Hot air



Material Crossover Reference

DA Code	CRANE	CHESTERTON	DURABLA	FLEXITALLIC	GARLOCK	LAMONS	LEADER	TEADIT	THERMOSEAL / KLINGER	W.L. GORE
NA101	2160		7900/7950	2400	2900/2950	L-430	NA60	NA1001	C-4300	
NA102				2440	3300	L-540	976	NA1076	C-5400	
NA202	4160		8600	2420	3200	L-640W	960/961	NA1080	C-6400	
NA201			8500		3000	L-441	978C	NA1081	C-4401	
NA203					3700**		986	NA1085**		
NA205				3300	IFG-5500	L-443		NA1090	C-4430	
NA400					9900			NA1092		
NA401				5000	9850	L-450		NA1100	C-4500	
NA301					ST-706			NA1122	C-4433	
GR001	Cranefoil 245				3125			Graflex 2660	HL	
GR101	Cranefoil 264				3125SS			Graflex 2661	SLS	
GR201	Cranefoil 247				3125TC			Graflex 2663	PSM	
TEF101		ECS-B	9000	500	3504	L-104	2110	Tealon 1570		
TEF201		ECS-W		533	3510	L-110	2120	Tealon 1580		
TEF301		ECS-T		511	3500	L-100	2100	Tealon 1590		

**Note: NA 1085 has a hypalon binder whereas Garlock 3700 and Clipper 986 have EPDM binders. The user is responsible to verify the compatibility of the binder with the chemical service.

General note: Information shown throughout this sheet is typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Dichtomatik. Failure to select proper sealing products could result in property damage and/or serious personal injury.



Gasket Sheet Part Numbering

Part Numbering					
First Character	Part Code	Thickness	Width	Material Code	Strip
G = Gasket Material	R = Roll	0.031 = 1/32"	36 = 36" wide	NA101 = N/A	Nothing = Original Dimensions
	FS = Full Sheet	0.062 = 1/16"	48 = 48" wide	E60G = EPDM	30 = 30" Strip
	HS = Half Sheet	0.125 = 1/8"	(Only for rolls)	(See Material reference sheet)	15 = 15" Strip
		0.250 = 1/4"			7 = 7" Strip 4 = 4" Strip

Examples

GFS-0.031NA101-30

30" Strip cut from a full sheet of 1/16" thick NA101 material.

GR-0.125-36-N60G

50' roll of 36"wide, 1/4" thick, 60 durometer NBR

GHS-0.125N60G

36" long x 36" wide x 1/4" thick 60 durometer NBR

Full sheets are typically 60" x 60"

Half sheets are typically 40" x 40"

Full sheet of rubber is typically 48" x 60"

Half sheet of rubber is typically 36" x 60"



Standard Flange Gasket Part Numbering

Standard Flange Part Number						
First Character	Pressure Class	NPS	Gasket Type	Thickness	Material Code	
G = Gasket	1=150	.25 = ¼ inch	R = RING GASKET	06 = 1/16	NA101 = N/A	Soft gaskets are almost always 150 or 300 PC Spiral wounds are more common with higher PC
	3=300	1.5 = 1 ½ inch	FF = FULL FACE	12 = 1/8	E60G = EPDM	
	4=400	10. = 10 inch		25 = 1/4	(See Material reference sheet)	
	6=600	25. = 25 inch				
	9=900					
	X=1500					10" or smaller NPS generally use 1/16" thick
	Y=2500					Above 10" NPS generally use 1/8" thick
	A=300/400/600					
	B=900/1500					

Examples

G1-2.0FF-12NA101

150 PC, 2" NPS, 1/8" thick, Non-Asbestos NBR-Aramid Material

G3-10.R-25E60G

300 PC, 10" NPS, 1/4" thick, EPDM



Spiral Wound Gasket Part Numbering

Spiral Wound Part Numbering

First Character	Pressure Class	NPS	Outer Ring Code	Winding Material	Inner Ring	Filler	
S = Spiral	1=150	.25 = ¼ inch	C = Cold Rolled Steel	S = 316L Stainless	S = 316L	G = Graphite	Outer ring is almost always cold rolled steel.
	3=300	1.5 = 1 ½ inch	S = 316L Stainless	T = 304 Stainless	T = 304	P = PTFE	Inner ring is usually the same material as the winding.
	4=400	10.0 = 10 inch	T = 304 Stainless	M = Monel	M = Monel	M = Mica	
	6=600	25.0 = 25 inch	M = Monel	H = Hastalloy	H = Hastalloy	C = Ceramic	
	9=900		H = Hastalloy	*many more	X = NONE		<u>Stocked parts:</u>
	X=1500		X = NONE		*many more		CSXG, CSSG, CTXG, CTTG
	Y=2500		*many more				
	A=300/400/600						
	B=900/1500						

Examples

S6-0.5CTXG

600 PC, .5" NPS, cold rolled steel outer ring, 304 stainless winding, no inner ring, graphite filler

SX-10.0CSSG

1500 PC, 10" NPS, cold rolled steel outer ring, 316L stainless winding, 316L stainless inner ring, graphite filler