



Material Reference Sheet

DA Code	Color	Compound	Max PSI	Continuous PSI	Max Temp (°F)	Continuous Temp (°F)	Comments
TEF301*	Fawn	Silica PTFE	1200		500		General acid and caustic - FDA compliant
TEF201*	White	Barium Sulfate PTFE	1200		500		Strong caustic fluids - FDA compliant
TEF101*	Blue	Glass Filled PTFE	800		500		Aggressive chemicals - FDA compliant
TEF001	White	Expanded PTFE	2900		600	-450	FDA Compliant
TEF002	White	Virgin PTFE			500	-328	FDA Compliant
TEF003	White	25% Glass PTFE			500		FDA Compliant - wear resistant
NA101*	Green	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	735	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		High temp, high pressure, oxidization resistant
GR001	Silver/Black	Graphite	2030		842		1202F in steam, 5432F in reducing/inert media
GR101*	Silver/Black	Graphite, 316L Foil	2030		842		1202F in steam, 5432F in reducing/inert media
GR201*	Silver/Black	Graphite, 316L Tang	2030		842		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 compliant 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	TEADIT	CHESTERTON	CRANE	DURABLA	FLEXITALLIC	GARLOCK	W.L. GORE	LEADER	LAMONS	THERMOSEAL / KLINGER
	NA1000M									C-4408
NA101	NA1001		2160	7900/7950	2400	2900/2950		NA60	L-430	C-4300
NA102	NA1076				2440	3300		976	L-540	C-5400
NA202	NA1080		4160	8600	2420	3200		960/961	L-640W	C-6400
NA201	NA1081			8500		3000		978C	L-441	C-4401
NA203	NA1085**					3700**		986		
NA205	NA1090				3300	IFG-5500			L-443	C-4430
NA400	NA1092					9900				
NA401	NA1100				5000	9850			L-450	C-4500
NA301	NA1122					ST-706				C-4433
GR001	Graflex 2660		Cranefoil 245			3125				HL
GR101	Graflex 2661		Cranefoil 264			3125SS				SLS
GR201	Graflex 2663		Cranefoil 247			3125TC				PSM
TEF101	Tealon 1570	ECS-B		9000	500	3504		2110	L-104	
TEF201	Tealon 1580	ECS-W			533	3510		2120	L-110	
TEF301	Tealon 1590	ECS-T			511	3500		2100	L-100	
	Quimflex SH						GR	2130		
	Quimflex HD					3545				

**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 TEADIT. 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 = NA1001	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 NA1001 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 NBR cut from a 50' roll

Full sheets are typically 60" x 60" -- there is some variation between 59" and 63" on the length and width

Half sheets are typically 40" x 40"

Full sheet of rubber is 48" x 60" -- these are cut from rolls

Half sheet of rubber is 36" x 60" -- these are cut from rolls



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 = NA1001	Soft gaskets are almost always 150 or 300 PC
	3=300	1.5 = 1 ½ inch	FF = FULL FACE	12 = 1/8	E60G = EPDM	Spiral wounds are more common with higher PC
	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, NA1001 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