

Durlon® Spiral Wound Gaskets (SWG) are made with an alternating combination of a preformed engineered metal strip and a more compressible filler material which creates an excellent seal when compressed. The engineered shape of the metal strip acts as a spring under load, resulting in a very resilient seal under varying conditions. The strip metallurgy and filler material can be selected to seal a wide range of applications. All Durlon® SWG styles have been engineered to precise manufacturing tolerances that allow for lower stress (bolt load) sealing compared to conventional spiral wound gaskets. All Durlon® SWGs are manufactured according to ASME B16.20 standards. Quality Assurance complies with API Specifications Q1 and ISO 9001 standards.

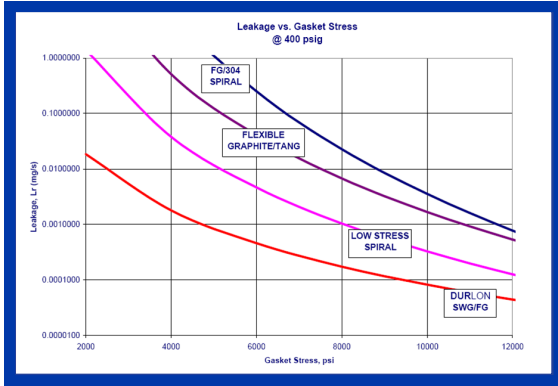


<p>Style D</p>	<ul style="list-style-type: none"> Sealing element only consisting of preformed engineered metal and more compressible filler material Commonly used in tongue and groove or male and female flanges Can also be supplied with an inner ring as Style DI 	
<p>Style DR</p>	<ul style="list-style-type: none"> Sealing element (D) combined with a centering ring (R) which reinforces the gasket and acts as a compression stop Commonly used with standard raised face and full face type flanges Centering ring is electroplated which provides superior corrosion resistance compared to powder or liquid coating 	
<p>Style DRI</p>	<ul style="list-style-type: none"> Sealing element (D) combined with a centering ring (R) and an inner ring (I) which improves radial strength and protects the sealing element from erosion and inward bucking Commonly used with standard raised face and full face type flanges Inner rings are recommended for all spiral wound gaskets but are mandatory (ASME B16.20-2007) for all PTFE filled gaskets, NSP 24" and larger Class 900, NSP 12", larger Class 1500 and NPS 4" and larger Class 2500 	



Advantages:

Durlon® SWGs obtain their initial seal with very low seating stresses and provide a tighter seal than typical low stress spiral wound gaskets and other high temperature alternative gaskets. Our advanced manufacturing process allows all Durlon® SWGs to perform better under low bolt stress applications while maintaining seal integrity under normal spiral wound gasket conditions.



Colour Coding Guidelines for Spiral Wound Gaskets

Durlon® Style DR and DRI gasket centering rings (in carbon steel) are coated to provide protection against corrosion.

Durlon® Spiral Wounds are packaged with the utmost care to prevent damage during shipping to the job site.

m & Y Factors	m	Y, psi
Type D, DR & DRI, Graphite, Graphite/Mica & PTFE	2.8	5,800

ROTT FACTORS	G _b , psi	a	G _s , psi
Type D, DR, DRI -Graphite	86	0.594	0.1
Type D, DR, DRI -Graphite/Mica	90	0.590	0.1
Type D, DR, DRI - PTFE	173	0.405	1.0

Metallurgy					Guide Ring Color Code*	
	Minimum		Maximum			
Material	°F	°C	°F	°C	Abbreviation	
304 Stainless Steel	-320	-195	1,400	760	304	Yellow
316L Stainless Steel	-150	-100	1,400	760	316L	Green
317L Stainless Steel	-150	-100	1,400	760	317L	Maroon
321 Stainless Steel	-320	-195	1,400	760	321	Turquoise
347 Stainless Steel	-320	-195	1,700	925	347	Blue
Carbon Steel	-40	-40	1,000	540	CRS	Silver
20Cb-3 (Alloy 20)	-300	-185	1,400	760	A-20	Black
HASTELLOY® B 2	-300	-185	2,000	1,090	HAST B	Brown
HASTELLOY® C 276	-300	-185	2,000	1,090	HAST C	Beige
INCOLOY® 800	-150	-100	1,600	870	IN 800	White
INCOLOY® 825	-150	-100	1,600	870	IN 825	White
INCONEL® 600	-150	-100	2,000	1,090	INC 600	Gold
INCONEL® 625	-150	-100	2,000	1,090	INC 625	Gold
INCONEL® X750	-150	-100	2,000	1,090	INX	NO COLOR
MONEL® 400	-200	-130	1,500	820	MON	Orange
Nickel 200	-320	-195	1,400	760	NI	Red
Titanium	-320	-195	2,000	1,090	TI	Purple

Filler Materials					Stripe Color Code*	
	Minimum		Maximum			
Material	°F	°C	°F	°C	Abbreviation	
Ceramic	-350	-212	2,000	1,090	CER	Light Green
Flexible Graphite	-350	-212	950	510	F.G.	Gray
PTFE	-400	-240	500	260	PTFE	White
Mica Graphite	-350	-212	1,400	760	MICA-GRA	Pink
Phyllosilicate	-67	-55	1,800	1,000	ETG	Light Blue



Download iGasket® on your smartphone today!

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