



# EZ Torque® Sure Seal Gaskets

For Air-Cooled Heat Exchanger Assemblies



## ENVIRONMENTALLY SUPERIOR - NO LEAKS | POSITIVE SEALING\*

USA Industries' EZ Torque Sure Seal Gaskets are designed to provide a positive seal and require less than half the installation torque required for typical soft iron gaskets. Lower torque means no more stripping of threads which prevents the gasket from sealing.

Our innovative design incorporates a graphite outer shell over a special machined metal inner core. The labyrinth design allows the graphite to be compressed and held in place, sealing against imperfections on the surface area. Due to the compressive load stored in the gasket's design, leaks due to typical thermal cycling are eliminated.

The graphite outer shell virtually eliminates the need to remachine the gasket surface areas due to roughness, nicks or scratches typically found in the field.



MACHINED METAL CORE WITH BONDED GRAPHITE FACE.

## EZ TORQUE SPECIFICATIONS CHART

Nominal Size (in)	EZ Torque Gasket ID (in)	Gasket OD (in)	AISI 1008		304 Stainless		316 Stainless		Nickel 200		Monel 400		2205 Duplex			
			Recommended Torque (lbs-ft)													
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
5/8	0.641	0.875	50	70	50	70	50	70	30	40	40	60	90	130		
3/4	0.766	1.000	90	130	100	140	110	150	60	80	80	110	190	270		
7/8	0.891	1.125	130	180	140	190	150	200	90	120	110	150	260	350		
1	1.016	1.250	150	200	170	230	180	240	110	150	140	190	310	420		
1 1/8	1.141	1.375	160	210	180	240	190	250	110	150	140	190	330	440		
1 1/4	1.266	1.500	230	310	260	350	270	360	160	220	210	280	480	650		
1 3/8	1.391	1.625	290	380	320	420	340	450	200	260	260	340	590	770		
1 1/2	1.516	1.750	330	450	370	500	390	530	230	310	300	410	680	920		
1 5/8	1.641	1.875	400	530	440	580	460	610	280	370	350	460	810	1070		
1 3/4	1.766	2.000	450	600	500	670	530	710	310	420	400	540	930	1250		
1 7/8"	1.891	2.125	540	700	600	780	630	820	370	480	480	620	1110	1440		
2"	2.016	2.250	610	810	680	900	710	940	430	570	540	710	1260	1670		
2 1/8"	2.141	2.375	680	910	750	1000	790	1050	470	630	600	800	1390	1850		

**NOTE:** The minimum recommended torque values given for EZ Torque Gaskets are higher than the theoretical torque values to ensure thread locking.

## BENEFITS

- Low torque design
- Eliminates stripping the threads by over-torquing to seal
- No environmental leaks
- Virtually eliminates field remachining
- Cost effective. Low cost of ownership.
- Saves time. During removal, graphite prevents gasket from seizing to header or plug.
- Graphite eliminates atmospheric corrosion
- Metal core available in any material type - 316SS, Inconel, Hastelloy, Nickel, etc.
- Can be used with existing plugs in the field
- Self-aligning when used with USA Industries, Inc.'s manufactured plugs
- Quick delivery - Available 24/7-365

### When Ordering Gaskets Specify:

Plug Threaded Hole Size • Material of Construction  
Quantity • Delivery Date

### Material codes:

C = Carbon                      K = 90/10 CuNi                      N = Nickel  
B = Brass                        Y = Chrome/Moly                      T = Titanium  
S = 316SS                        M = Monel                                H = Hastelloy  
J = 70/30 CuNi                      I = Inconel                                Z = Zirconium

Other alloys available.

### Contact USA INDUSTRIES

Locally - (713) 941-3797 Toll-free (800) 456-8721  
or go to [www.USAIndustries.com](http://www.USAIndustries.com)