TEST REPORT
MIL-G-24716A

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Manufacturer:	3S Superior Sealing Services	
Customer:	Example	
Sales Order Number:	22432	
Due Date / Line Item	4/15/21	1

Gasket Type	M 24716 TY2CL A	
Gasket Size	1/2" 150#	
Order Quantity	150	Lot No: 22555
Standard Inspection Quantity	15	
Compression Test Quantity	2	

Flexible Graphite:	MIL-P-24503 (Type I - Class 2)

We hereby certify that the metal strip and flexible graphite filler material in the spiral wound metallic-flexible graphite gasket is in accordance with the specifications listed above. We further certify that the gaskets have been tested in accordance with MIL-24716 as modified by the applicable amendments. We certify, also, that the gaskets have not come in contact with mercury or any of its compounds.

√	PASSED
X	FAILED

Authorized Representative:

Samples Inspected / Tested

Dimensional	*Tolerance*		**Nominal**	Range		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
	minus	*plus*		*lower*	*upper*															
Thickness (across wire)	*0.005*	*0.005*	**0.175**	*0.170*	*0.180*	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Spiral ID	*0.016*	*0.016*	**0.750**	*0.734*	*0.766*	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Spiral OD	*0.032*	*0.063*	**1.219**	*1.187*	*1.282*	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Outer Ring OD	*0.032*	*0.032*	**1.875**	*1.843*	*1.907*	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Wire Wraps ID	*min*	6				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Wire Wraps OD	*min*	3				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Spot Welds / Inspection																				
Spiral ID	*per MIL-G-24716A*					√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Spiral OD	*per MIL-G-24716A*					√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Visual	*per MIL-G-24716A*					√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Workmanship	*per MIL-G-24716A*					√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Marking	*per MIL-G-24716A*					√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Refill Sliding Fit	*per MIL-G-24716A*					√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Alloy Identity	Wire:	ASTM A240-18 347	Outer Ring:	ASTM A1011 TYPE B Carbon Steel		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

Compression Test					**1**	**2**													
Test Load	*lbs*	12,600	0.6	MPa	√	√													
Compressed Thickness	*inch*	0.125 to 0.135	Value	0.132 & 0.129	√	√													