flexaseal
ENGINEERED SEALS AND SYSTEMS, LLC

LOW TEMPERATURE WELDED METAL BELLOWS

ADVANTAGES

- Simple one piece construction, no loose parts
- No dynamic elastomers – no hang up
- Hydraulically balanced design
- Self cleaning due to centrifugal force
- Even face loading – allows for full 360 degrees closing force
- Face and O-ring versatility
- Bellows material AM350, Alloy C-276 standard
- Other metallurgies and bellows core materials available
- Fits narrow cross section stuffing boxes
- Imperial, metric, and DIN sizes available
- Stationary and rotating designs available
- Cartridge seal design available
- Double ply available for higher pressure
- Low repair cost

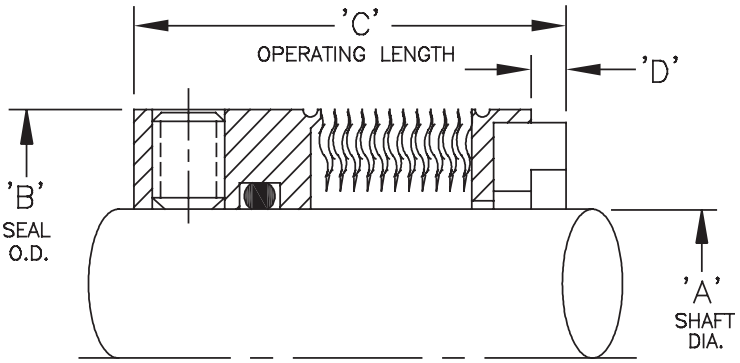
MATERIALS OF CONSTRUCTION

Standard Metallurgy	**Style 40:** 316 end fittings with AM350 bellows **Style 42:** 316 Stainless Steel end fittings with Alloy C-276 bellows **Style 45:** Alloy C-276 end fittings and bellows
Standard Face Materials	Carbon, Nickel Bound Tungsten Carbide, Silicon Carbide, Antimony Impregnated Carbon
Secondary Seal Packaging	FKM, Buna, TFEP, FFKM, PTFE, PTFE Jacketed FKM, EPDM, FDA compliant compounds.
	Other materials available upon request.

OPERATING/DESIGN CONDITIONS

Temperature	Pressure
Style 40: -100°F to 400°F	Internal Mount: Full Vacuum to 300 PSI
Style 42: -150°F to 450°F	External Mount: Consult factory.
Style 45: -150°F to 450°F	

Maximum temperature/pressure ratings indicate operating extremes independently and do not imply that the seal will function at these extremes at the same time. Contact Flex-A-Seal Engineering regarding your specific application.



SIZE	A	B	C	D	O-RING
-12	.750	1.312	1.250	.120	-116
-13X	.812	1.457	1.250	.120	-117
-14X	.875	1.457	1.250	.120	-118
-15X	.938	1.457	1.250	.120	-119
-16X	1.000	1.457	1.250	.120	-120
-17	1.062	1.687	1.250	.120	-121
-18	1.125	1.687	1.250	.120	-122
-20	1.250	1.812	1.312	.120	-124
-20X	1.250	1.694	1.312	.120	-124
-22	1.375	1.937	1.437	.120	-126
-24	1.500	2.062	1.437	.120	-128
-24X	1.500	1.944	1.437	.120	-128
-26	1.625	2.187	1.437	.120	-130
-28	1.750	2.312	1.437	.120	-132
-30	1.875	2.437	1.500	.120	-134
-32	2.000	2.562	1.500	.120	-226
-34	2.125	2.687	1.500	.120	-138
-36	2.250	2.812	1.562	.120	-140
-38	2.375	2.937	1.562	.120	-142
-40	2.500	3.187	1.562	.120	-144
-42	2.625	3.312	1.625	.120	-146
-44	2.750	3.437	1.625	.120	-148
-46	2.875	3.625	1.687	.120	-150
-48	3.000	3.750	1.687	.120	-151
-50	3.125	3.875	1.750	.120	-235
-52	3.250	4.000	1.750	.120	-236
-54	3.375	4.125	1.750	.120	-237
-56	3.500	4.250	1.875	.120	-238
-58	3.625	4.375	1.875	.120	-239
-60	3.750	4.500	1.875	.120	-240
-62	3.875	4.625	1.875	.120	-241
-64	4.000	4.750	1.875	.120	-242
-66	4.125	5.125	1.875	.125	-243
-68	4.250	5.125	1.875	.125	-244
-70	4.375	5.375	1.875	.125	-245
-72	4.500	5.375	1.875	.125	-246
-74	4.625	5.625	1.875	.125	-247
-76	4.750	5.625	1.875	.125	-248
-80	5.000	5.875	1.875	.125	-250
-84					
-88					
-92	5.750	6.625	1.875	.125	-256
-96					
-100					
-104	6.500	7.375	2.000	.125	-363
-108					
-112	7.000	7.875	2.000	.125	-365

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