



PARTS LIST AND STANDARD MATERIALS

ITEM	DESCRIPTION	SPECIFICATIONS
1	BODY	NEOPRENE COVER AND TUBE ELASTOMER WITH NYLON FABRIC REINFORCEMENT
2	FLANGES	ZINC PLATED CARBON STEEL
3	FRAME	STEEL WIRE

UPPER TEMPERATURE LIMITS

MATERIAL	UPPER LIMITS °F (°C)
NEOPRENE	225 (107)

LOWER TEMPERATURE LIMITS

MATERIAL	LOWER LIMITS °F (°C)
NEOPRENE	-20 (-28.9)

PRESSURE LIMITS (NON-SHOCK)

SIZE	MAXIMUM OPERATING			MINIMUM	
	POSITIVE PSIG			TEST PSIG	BURST PSIG
	WITH CONTROL RODS	WITHOUT CONTROL RODS	NEGATIVE IN OF HG		
1-1/2" - 4"	225	135	26	340	900
5" - 10"	225	135	26	340	900
12"	225	90	26	340	900
14"	150	90	26	225	600
16" - 20"	125	45	26	190	500
24"	110	45	26	165	440

IFC SERIES CFNT RUBBER CONNECTOR DIMENSIONAL DATA

SIZE	"A" Installed Length	Axial Compression	Axial Extension	+/- Lateral Deflection	+/- Angular Deflection	Thrust Factor	"B" Connector Inner Diameter	"C" Seal Outer Diameter	CONTROL RODS					Weight Joints & Flanges	Weight Control Unit Set
									Control Rod Plate Thickness	Control Rod Diameter	MAXIMUM SURGE OF TEST PRESSURE OF SYSTEM				
											2 Rods PSIG	3 Rods PSIG	4 Rods PSIG		
in/mm	in/mm	in/mm	in/mm	in/mm	degree		in/mm	in/mm	in/mm	in/mm	PSIG	PSIG	PSIG	Lbs/Kg	Lbs/Kg
1-1/2 40	7.00 178	2.00 51	1.19 30	1.75 44	45	6.49	1.38 35	2.75 70	0.38 10	0.50 13	510			5 2	5 2
2 50	7.00 178	2.00 51	1.19 30	1.75 44	45	7.07	1.63 41	3.38 86	0.38 10	0.63 16	661			8 4	8 4
2-1/2 65	7.00 178	2.00 51	1.19 30	1.75 44	43	11.05	2.50 64	4.13 105	0.38 10	0.63 16	529			10 5	8 4
3 75	7.00 178	2.00 51	1.19 30	1.75 44	38	13.36	2.75 70	4.63 118	0.38 10	0.63 16	441			13 6	8 4
4 100	9.00 229	2.00 51	1.38 35	1.56 40	34	22.69	3.75 95	5.75 146	0.38 10	0.63 16	311	467	622	19 9	8 4
5 125	9.00 229	2.00 51	1.38 35	1.56 40	29	30.02	4.63 118	7.00 118	0.38 10	0.63 16	235	353	470	22 10	8 4
6 150	8.75 222	2.00 51	1.38 35	1.56 40	25	41.28	5.88 149	8.38 213	0.50 13	0.63 16	186	278	371	27 12	11 5
8 200	13.00 330	2.38 60	1.38 35	1.38 35	19	63.62	7.88 200	10.38 264	0.50 13	0.75 19	163	244	326	42 19	14 6
10 250	13.00 330	2.38 60	1.38 35	1.38 35	15	103.87	9.88 251	12.63 321	0.75 19	0.88 22	163	244	325	58 26	20 9
12 300	13.00 330	2.38 60	1.38 35	1.38 35	13	137.89	11.25 286	14.50 368	0.75 19	1.00 25	160	240	320	84 38	28 13
14 350	13.75 349	1.75 44	1.12 28	1.12 28	9	182.55	12.88 327	16.13 410	0.75 19	1.00 25	112	167	223	112 51	28 13
16 400	13.75 349	1.75 44	1.12 28	1.12 28	8	240.53	14.63 371	18.25 464	0.75 19	1.13 29	113	170	227	132 60	28 13
18 450	13.75 349	1.75 44	1.12 28	1.12 28	7	298.65	16.75 425	20.63 524	0.75 19	1.13 29	94	141	187	146 66	32 14
20 500	13.75 349	1.75 44	1.12 28	1.12 28	7	363.05	18.75 476	22.75 578	0.75 19	1.13 29	79	118	159	182 83	32 14
24 600	13.75 349	1.75 44	1.12 28	1.12 28	5	510.70	22.75 578	26.75 679	1.00 25	1.25 32	74	110	147	220 100	45 20

NOTES

1. To determine end thrust multiply thrust factor by operating pressure of system. This is end thrust in PSIG.

2. Vacuum rating is based on installed length, without external load. Products should not be installed "extended" on vacuum applications.

3. Joints must be precompressed approximately 1/8" to 3/16" in order to obtain a correct installed face-to-face dimension.

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