

Schedule 40 and 80 PVC Pipe and Fittings



APPLICATIONS:
ICE MACHINES
FOOD PROCESSING
CHEMICAL TRANSFER
TUBE EXTENSION

F-1000 Standard and Custom Flexible Fittings, and Configurations

A complete range of sizes in the shapes most often used to turn any tubing into a completely operative liquid, gas, or solid transmission system.

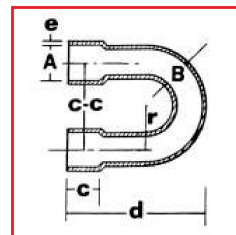
The soft flexible F-1000 fittings slide onto any tubing material (even metal or glass), absorb shocks, accommodate vibration, expansion and contraction. Friction fitted, clamped, or assembled with adhesives the F-1000 standard fittings provide angular flexibility from zero degrees to 180°. Standard F-1000 fittings are available from stock in a complete range of sizes, in the six most used shapes in tubing systems. Available shapes include: 180° U-bends, straight connectors, reducer fittings, 90° elbows, T-fittings, and Y-fittings.

F-1000 is also available in custom fittings. The range of custom engineered Excelon® fittings is virtually unlimited. They can be designed to meet the most compact requirements. Our technical representatives can analyze your needs and recommend the most economical and efficient design configuration and solution for your system.

F-1000 - 90° U-BEND FITTING

ITEM NO.	A	B	C	C-C	D	E	MAX WORKING PRESSURE	TUBING SIZE NO.
96201	3/8	1/4	3/8	1	1-1/8	1/16	66	F-1U
96202	7/16	5/16	7/16	1-1/8	1-1/4	1/16	56	F-2U
96203	1/2	3/8	1/2	1-1/4	1-3/8	1/16	50	F-3U
96204	5/8	7/16	5/8	1-1/2	1-7/8	3/32	59	F-4U
96205	3/4	1/2	3/4	1-3/4	2	1/8	66	F-5U
96206	7/8	5/8	7/8	2	2-1/4	1/8	58	F-6U
96207	1	3/4	1	2-1/4	2-1/2	1/8	50	F-7U
96208	1-1/8	7/8	1-1/8	2-3/4	3-1/8	1/8	45	F-8U
96209	1-1/4	1	1-1/4	3-1/2	3-5/8	1/8	40	F-9U
96210	1-3/8	1-1/8	1-3/8	4-1/2	4-1/2	1/8	36	F-10U
96211	1-1/2	1-1/4	1-1/2	5	5	1/8	34	F-11U
96213	2	1-1/2	2	7	6-1/4	1/4	50	F-13U
96215	2-1/2	2	2-1/2	9	8-1/4	1/4	40	F-15U
96217	3	2-1/2	3	10	9-1/2	1/4	34	F-17U

Values listed are typical and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.



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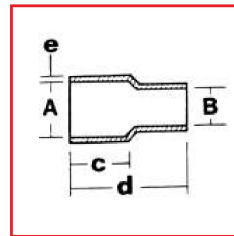


APPLICATIONS:
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F-1000 - 90° REDUCER FITTING

ITEM NO.	A	B	C	D	E	MAX WORKING PRESSURE	TUBING SIZE NO.
96301	3/8	1/4	3/8	5/8	1/16	66	F-1R
96302	7/16	5/16	7/16	3/4	1/16	56	F-2R
96303	1/2	3/8	1/2	13/16	1/16	50	F-3R
96304	5/8	7/16	5/8	1-1/16	3/32	59	F-4R
96305	3/4	1/2	3/4	1-3/8	1/8	66	F-5R
96306	7/8	5/8	7/8	1-9/16	1/8	58	F-6R
96307	1	3/4	1	1-3/4	1/8	50	F-7R
96308	1-1/8	7/8	1-1/8	2	1/8	45	F-8R
96309	1-1/4	1	1-1/4	2-1/8	1/8	40	F-9R
96310	1-3/8	1-1/8	1-3/8	2-3/8	1/8	36	F-10R
96311	1-1/2	1-1/4	1-1/2	2-5/8	1/8	34	F-11R
96313	2	1-1/2	2	3-3/8	1/4	50	F-13R
96315	2-1/2	2	2-1/2	4	1/4	40	F-15R
96317	3	2-1/2	3	4-1/2	1/4	34	F-17R

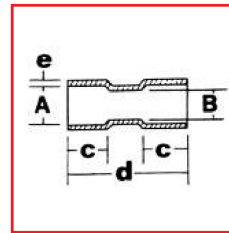
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F-1000 - 90° CONNECTOR FITTING

ITEM NO.	A	B	C	D	E	MAX WORKING PRESSURE	TUBING SIZE NO.
96401	3/8	1/4	3/8	1-1/4	1/16	66	F-1C
96402	7/16	5/16	7/16	1-1/2	1/16	56	F-2C
96403	1/2	3/8	1/2	1-5/8	1/16	50	F-3C
96404	5/8	7/16	5/8	2-1/8	3/32	59	F-4C
96405	3/4	1/2	3/4	2-3/4	1/8	66	F-5C
96406	7/8	5/8	7/8	3-1/8	1/8	58	F-6C
96407	1	3/4	1	3-1/2	1/8	50	F-7C
96408	1-1/8	7/8	1-1/8	3-7/8	1/8	45	F-8C
96409	1-1/4	1	1-1/4	4-1/4	1/8	40	F-9C
96410	1-3/8	1-1/8	1-3/8	4-3/4	1/8	36	F-10C
96411	1-1/2	1-1/4	1-1/2	5-1/4	1/8	34	F-11C
96413	2	1-1/2	2	6-3/4	1/4	50	F-13C
96415	2-1/2	2	2-1/2	8	1/4	40	F-15C
96417	3	2-1/2	3	9	1/4	34	F-17C

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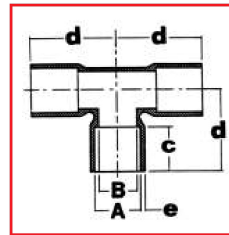
F-1000 - T FITTING

ITEM NO.	A	B	C	D	E	MAX WORKING PRESSURE	TUBING SIZE NO.
96601	3/8	1/4	3/8	5/8	3/32	69	F-1T
96602	7/16	5/16	7/16	3/4	3/32	62	F-2T*
96603	1/2	3/8	1/2	7/8	1/8	50	F-3T
96604	5/8	1/2	5/8	1	1/8	48	F-4T
96605	3/4	1/2	3/4	1-1/8	5/32	41	F-5T*
96606	7/8	5/8	7/8	1-1/2	5/32	37	F-6T
96607	1	3/4	1	1-3/4	5/32	**	F-7T
96608	1-1/8	7/8	1-1/8	2	5/32	**	F-8T*
96609	1-1/4	1	1-1/4	2-1/4	3/16	**	F-9T
96610	1-3/8	1-1/8	1-3/8	2-1/2	3/16	**	F-10T*
96611	1-1/2	1-1/4	1-1/2	2-3/4	3/16	**	F-11T
96613	2	1-1/2	2	3-1/4	3/16	**	F-13T*
96615	2-1/2	2	2-1/2	4	7/32	**	F-15T*
96617	3	2-1/2	3	5	7/32	**	F-17T*

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* Special order item.

** Call for additional information.



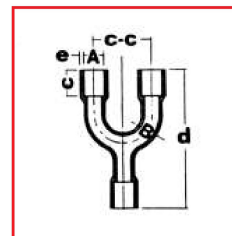
F-1000 - Y FITTING

ITEM NO.	A	B	C	C-C	D	E	MAX WORKING PRESSURE	TUBING SIZE NO.
96501	3/8	1/4	3/8	13/16	1-1/2	1/8	80	F-1Y
96502	7/16	5/16	7/16	7/8	1-3/4	1/8	69	F-2Y*
96503	1/2	3/8	1/2	1	1-7/8	1/8	62	F-3Y
96504	5/8	1/2	5/8	1	2-1/2	1/8	50	F-4Y
96505	3/4	1/2	3/4	1	3	5/32	48	F-5Y*
96506	7/8	5/8	7/8	1-3/8	3-1/2	5/32	41	F-6Y
96507	1	3/4	1	1-1/2	4	5/32	37	F-7Y
96508	1-1/8	7/8	1-1/8	1-5/8	4-1/4	5/32	32	F-8Y*
96509	1-1/4	1	1-1/4	1-3/4	4-1/2	3/16	**	F-9Y
96510	1-3/8	1-1/8	1-3/8	2-1/4	5	3/16	**	F-10Y*
96511	1-1/2	1-1/4	1-1/2	2-1/2	6	3/16	**	F-11Y
96513	2	1-3/4	2	3-5/8	8	3/16	**	F-13Y*
96515	2-1/2	2	2-1/2	6	10-1/2	7/32	**	F-15Y*
96517	3	2-1/2	3	7	12	7/32	**	F-17Y*

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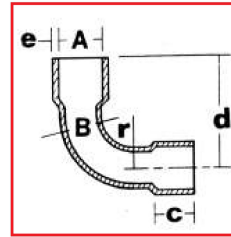


APPLICATIONS:
ICE MACHINES
FOOD PROCESSING
CHEMICAL TRANSFER
TUBE EXTENSION

F-1000 - 90° ELBOW FITTING

ITEM NO.	A	B	C	D	E	R	MAX WORKING PRESSURE	TUBING SIZE NO.
96101	3/8	1/4	3/8	1-1/16	1/16	1/4	66	F-1E
96102	7/16	5/16	7/16	1-1/8	1/16	3/8	56	F-2E
96103	1/2	3/8	1/2	1-1/4	1/16	1/2	50	F-3E
96104	5/8	7/16	5/8	1-5/8	3/32	5/8	59	F-4E
96105	3/4	1/2	3/4	2	1/8	3/4	66	F-5E
96106	7/8	5/8	7/8	2-3/8	1/8	1	58	F-6E
96107	1	3/4	1	2-3/4	1/8	1-1/8	50	F-7E
96108	1-1/8	7/8	1-1/8	3-1/4	1/8	1-1/2	45	F-8E
96109	1-1/4	1	1-1/4	3-5/8	1/8	1-3/4	40	F-9E
96110	1-3/8	1-1/8	1-3/8	4-1/8	1/8	2	36	F-10E
96111	1-1/2	1-1/4	1-1/2	4-3/4	1/8	2-1/2	34	F-11E
96113	2	1-1/2	2	6-1/2	1/4	3-1/2	50	F-13E
96115	2-1/2	2	2-1/2	8-1/4	1/4	4-1/2	40	F-15E
96117	3	2-1/4	3	9-1/8	1/4	5	34	F-17E

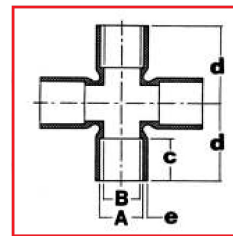
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F-1000 - 4-WAY FITTING

ITEM NO.	A	B	C	D	E	MAX WORKING PRESSURE	TUBING SIZE NO.
96701	3/8	1/4	3/8	5/8	3/32	66	F-1X
96702	7/16	5/16	7/16	3/4	3/32	56	F-2X
96703	1/2	3/8	1/2	7/8	1/8	50	F-3X
96704	5/8	7/16	5/8	1	1/8	59	F-4X
96705	3/4	1/2	3/4	1-1/8	5/32	66	F-5X
96706	7/8	5/8	7/8	1-1/2	5/32	58	F-6X
96707	1	3/4	1	1-3/4	5/32	50	F-7X
96708	1-1/8	7/8	1-1/8	2	5/32	45	F-8X
96709	1-1/4	1	1-1/4	2-1/4	3/16	40	F-9X
96710	1-3/8	1-1/8	1-3/8	2-1/2	3/16	36	F-10X
96711	1-1/2	1-1/4	1-1/2	2-3/4	3/16	34	F-11X
96713	2	1-1/2	2	3-1/4	3/16	50	F-13X
96715	2-1/2	2	2-1/2	4	7/32	40	F-15X
96717	3	2-1/4	3	5	7/32	34	F-17X

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* Special order item. ** Call for additional information.