

Quik-Fab Modular VJ Pipe

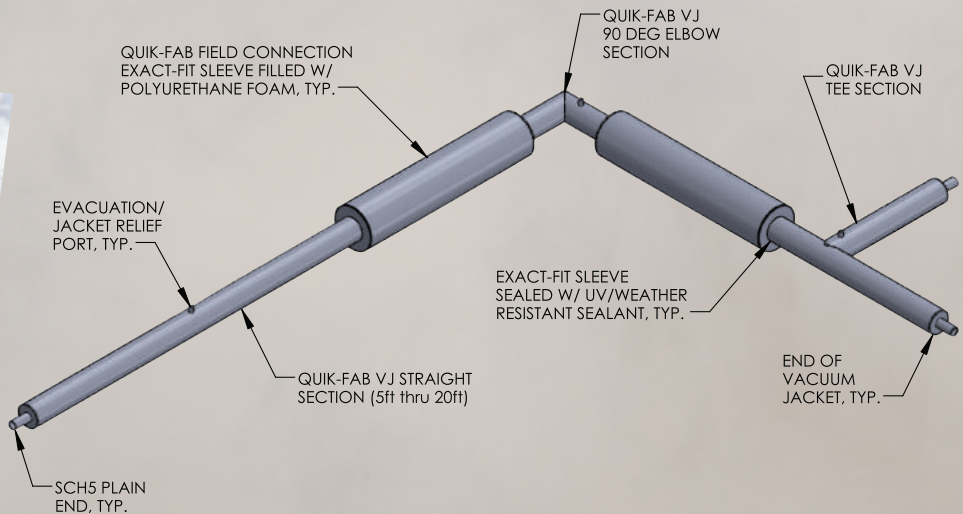
Acme Cryogenics' Quik-Fab Vacuum Insulated Pipe provides a low cost, high thermal efficiency solution for the transfer of cryogenic liquids. Our pre-engineered VJP sections come in a variety of straight lengths, with 90 degree elbows and tee sections that can be configured to meet most applications. Typical orders can ship within two weeks. Quik-Fab pipe is connected with a foam joint protected by a rugged stainless steel sleeve, then sealed to provide a moisture barrier. Installation requires field welding and a pneumatic pressure test in accordance with ASME B31.3. Quik-Fab VJ piping systems provide vastly superior thermal performance compared to 100% foam piping systems without the expense and long lead time of a custom measured VJP system.

DESIGN:

- Cryogenic Liquid Transfer (LN2, LAR, LNG, and LCO2)
- Designed per ASME B31.3
- MAWP = 150 PSIG (Internal Bellows) or MAWP = 400 PSIG (External Bellows)
- A312-304SS Pipe (inner line and outer jacket)
- MLI "Super Insulation"
- Static Vacuum with Complete Getter System

FEATURES AND BENEFITS:

- Thermal Performance (1" thick vacuum insulation is 40 times more efficient than 6" thick foam insulation)
- Low pressure (internal bellows) design keeps pipe from shifting in racks and eliminates the need for VJ Flex
- Stainless steel pipe sleeve offers an exact fit for easy seal to eliminate moisture intrusion
- Modular sections can be reconfigured or reused
- Structured material pricing eliminates risk of cost overruns
- Vacuum design life of over 10 years
- Custom lengths, VJ flex sections and valves also available



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Ordering Information

Internal Bellows (150 PSIG Max)		External Bellows (400 PSIG Max)		
P/N	P/N	SIZE	DESCRIPTION	LINEAR FT
5798	6303	½" X 2"	4" SCH 5 FIELD CAN 30" LONG	2.5
5648	6296	½" X 2"	90° ELBOW SECTION	4
5646	6295	½" X 2"	TEE SECTION	6
6381	6382	½" X 2"	6FT VJ FLEX SECTION (10 FT OAL)	10
5650	6297	½" X 2"	STRAIGHT SECTION - 5FT	5
5651	6298	½" X 2"	STRAIGHT SECTION - 8 FT	8
5652	6299	½" X 2"	STRAIGHT SECTION - 10 FT	10
6217	6300	½" X 2"	STRAIGHT SECTION - 12 FT	12
6218	6301	½" X 2"	STRAIGHT SECTION - 16 FT	16
5653	6302	½" X 2"	STRAIGHT SECTION - 20 FT	20
5799	6334	1" X 3"	6" SCH 5 FIELD CAN 30" LONG	2.5
5649	6327	1" X 3"	90° ELBOW SECTION	4
5647	6326	1" X 3"	TEE SECTION	6
6383	6384	1" X 3"	6FT VJ FLEX SECTION (10 FT OAL)	10
5654	6328	1" X 3"	STRAIGHT SECTION - 5 FT	5
5655	6329	1" X 3"	STRAIGHT SECTION - 8 FT	8
5656	6330	1" X 3"	STRAIGHT SECTION - 10 FT	10
6219	6331	1" X 3"	STRAIGHT SECTION - 12 FT	12
6220	6332	1" X 3"	STRAIGHT SECTION - 16 FT	16
5657	6333	1" X 3"	STRAIGHT SECTION - 20 FT	20
5796	6350	2" X 4"	6" SCH 5 FIELD CAN 30" LONG	2.5
5794	6351	2" X 4"	90° ELBOW SECTION	4
5793	6356	2" X 4"	TEE SECTION	6
6385	6376	2" X 4"	6FT VJ FLEX SECTION (10 FT OAL)	10
5909	6352	2" X 4"	STRAIGHT SECTION - 5 FT	5
5910	6353	2" X 4"	STRAIGHT SECTION - 8 FT	8
5911	6354	2" X 4"	STRAIGHT SECTION - 10 FT	10
6221	6377	2" X 4"	STRAIGHT SECTION - 12 FT	12
6222	6378	2" X 4"	STRAIGHT SECTION - 16 FT	16
5795	6355	2" X 4"	STRAIGHT SECTION - 20 FT	20
5800	6357	3" X 5"	8" SCH 5 FIELD CAN 30" LONG	2.5
6193	6358	3" X 5"	90° ELBOW SECTION	4
6198	6363	3" X 5"	TEE SECTION	6
6386	6387	3" X 5"	6FT VJ FLEX SECTION (10 FT OAL)	10
6164	6359	3" X 5"	STRAIGHT SECTION - 5 FT	5
6195	6360	3" X 5"	STRAIGHT SECTION - 8 FT	8
6196	6361	3" X 5"	STRAIGHT SECTION - 10 FT	10
6223	6379	3" X 5"	STRAIGHT SECTION - 12 FT	12
6224	6380	3" X 5"	STRAIGHT SECTION - 16 FT	16
6197	6362	3" X 5"	STRAIGHT SECTION - 20 FT	20