

## Connection Data Sheet

Pipe OD		Material	Pipe ID		Wall Thickness		Weight	Static Tensile	Static Pressure	*Allowable Bend	Recommended Make-up Torque (ft-lb)		
Inches	mm	Grade	Inches	mm	Inches	mm	Kg/m	Tonnes	PSI	deg/30m	Min	Optimum	Max
2-7/8"	73	J55	2.441	62	0.216	5.5	9.67	13	5000	55.4	1200	1400	1600
3-1/2"	88.9	J55	3.067	77.9	0.216	5.5	11.31	12	5200	45.3	1200	1400	1600
4-1/2"	114.3	J55	4.028	102.3	0.236	6	16.02	22	4000	34.6	1600	2050	2500
5-9/16"	141.3	J55	5.059	128.5	0.251	6.4	21.29	32	4000	27.7	2500	3000	3500
6-5/8"	168.3	J55	6.129	155.7	0.251	6.4	25.55	40	2000	23.1	3100	4050	5000
7"	177.8	J55	6.370	161.8	0.316	8	33.68	52	2500	22	5900	6400	6900
8-5/8"	219.1	J55	7.980	202.7	0.322	8.2	42.65	83	2500	17.6	6000	6500	7000
9-5/8"	244.5	J55	8.925	226.7	0.35	8.9	53.57	103	2000	15.8	6000	6500	7000
10-3/4"	273.1	J55	10.020	254.5	0.366	9.3	60.5	111	2000	14.1	6000	6500	7000
10-3/4"	273.1	X42	10.020	254.5	0.366	9.3	60.5	95	2000	10.8	6000	6500	7000
8-5/8"	219.1	316 SS	7.980	202.7	0.322	8.2	42.65	45	2000	9.5	5500	6000	6500

**\* Allowable Bend is Determined at Zero Static Tensile Load. Static Tensile Load is Determined at Zero Allowable Bend\***

Recommended Maximum Connection Static Tensile Load for Connection Sizes All carbon steel grades conform to API 5LB or 5CT specifications.

These values were calculated in accordance with API-5C3 and have a design safety factor of 1.3 as suggested by the Code of practice for constructing and abandoning coal seam gas wells and associated bores in Queensland.



### Designed for Performance and Ease of Use

Sharpe **SFJ** casing connections are run within the rough and harsh environment of underground coal mining, degasification, SIS (Surface In-Seam), water wells and wellbore liners. **SFJ** is commonly run within the CSG (Coal Seam Gas) and CBM (Coal Bed Methane) industries.

Sharpe **SFJ** a fully engineered thin wall casing shallow taper thread with pressure tight flush internal and external connection. Machining the connection on the pipe body reducing the risks and issues associated with welded on connections. Sharpe has a totally reliable supply of **SFJ** casing and associated casing accessories.

- Designed for pipe diameters from 2-7/8" to 10-3/4"
- Manufactured using API J55, K55, 5LB X42, or 316SS material
- Available in standard or galvanised finish
- Supplied 'rig ready' with casing dope, transport racks and thread plastic protectors
- 5 TPI (Threads per Inch) with a Higbee [blunt] start thread to assist with initial makeup
- J55 material is compliant with API Spec 5-CT
- **SFJ** tensile capacity is verified and validated by third party engineers
- Fully compliant to CSG Code of Practice for Constructing and Abandoning Coal Seam Gas Wells and Associated Bores in Queensland (Edition 3.0)
- Anti-gall treated connections available upon request – assisting in the retention of the thread compound and improving multi run capabilities
- Additional sizes available upon request