



[APPLICATIONS]

- **Flow Lines**
- **Chemical Disposal Lines**
- **Injection Lines**
- **Recirculating Lines**
- **Solution Mining**
- **Water Processing**

Centron® SP8 Series High Pressure Surface Pipe features the API 8 RD EUE long thread and offers non-galling composite female threads to aid make-up and enhance thread seal for trouble free installation and long service life. Centron's Quality System is certified to API Specification Q1 and ISO 9001, assuring customers of the highest quality products in the industry.

JOINING SYSTEM >

FEATURES

- API 8 RD EUE threads*
- Patented non-galling composite threads available
- No special tools required for installation

FEATURES >

- Balanced filament wound construction using only the highest quality raw materials and modern manufacturing equipment
- Centron's complete line of fittings and adapters have the same safety factors as the pipe and are manufactured with the same high quality raw materials to provide complete reliability throughout the pipeline system.

ADVANTAGES >

- About 1/4 the weight of steel
- Assemble in any weather—no adhesives required
- Superior flow characteristics
- Threads (API 8 RD)*
- Excellent corrosion resistance
- Exceptional pressure capabilities
- Low installation costs
- Low paraffin and scale build-up



**Q1, 15LR, 15HR
ISO 9001**

**In accordance with API 5B, Table 14 (2 thru 4 inch) and Table 7 (6 thru 8 inch) with tolerances per API 15HR.*

Centron International Inc. manufactures a complete line of fiberglass surface pipe, line pipe, tubing, casing and associated fittings. See your Centron distributor or call Centron International Inc. for all your fiberglass tubular product needs.

Nominal Size Inches (mm)	Series/ Rating @ 100°F (38°C)	Static Pressure Rating (PSI)			Nominal O.D. Inches (mm)	Nominal I.D. Inches (mm)	Wall Thickness Inches (mm)	Nominal Box O.D. Inches (mm)	Weight Lbs/Ft (Kg/M)
		125°F (52°C)	150°F (65°C)	180°F (82°C)					
2 (50)	SP8 900	850	750	650	2.074 (52.7)	1.95 (49.5)	.062 (1.6)	3.12 (79.2)	0.33 (.49)
	SP8 1000	950	850	750	2.090 (53.1)	1.95 (49.5)	.070 (1.8)	3.15 (80.0)	0.38 (.56)
	SP8 1250	1150	1050	900	2.120 (53.8)	1.95 (49.5)	.085 (2.2)	3.20 (81.2)	0.46 (.68)
	SP8 1500	1400	1250	1150	2.160 (54.9)	1.95 (49.5)	.105 (2.7)	3.22 (81.8)	0.57 (.85)
	SP8 2000	1850	1650	1500	2.230 (56.6)	1.95 (49.5)	.140 (3.6)	3.30 (83.8)	0.78 (1.16)
	SP8 2500	2300	2100	1850	2.310 (58.7)	1.95 (49.5)	.180 (4.6)	3.37 (85.6)	1.02 (1.52)
	SP8 3000	2750	2500	2250	2.390 (60.7)	1.95 (49.5)	.220 (5.6)	3.47 (88.1)	1.27 (1.89)
2 1/2 (65)	SP8 700	650	550	500	2.600 (66.0)	2.48 (63.0)	.060 (1.5)	3.69 (93.7)	.40 (.60)
	SP8 800	750	650	550	2.620 (66.5)	2.48 (63.0)	.070 (1.8)	3.72 (94.5)	.47 (.71)
	SP8 1000	950	800	700	2.650 (67.3)	2.48 (63.0)	.085 (2.2)	3.78 (96.0)	.58 (.86)
	SP8 1250	1150	1050	900	2.700 (68.6)	2.48 (63.0)	.110 (2.8)	3.82 (97.0)	.76 (1.13)
	SP8 1500	1400	1250	1100	2.740 (69.6)	2.48 (63.0)	.130 (3.3)	3.87 (98.3)	.90 (1.34)
	SP8 2000	1850	1650	1450	2.840 (72.1)	2.48 (63.0)	.180 (4.6)	3.97 (100.0)	1.27 (1.89)
	SP8 2500	2300	2100	1800	3.520 (89.4)	2.98 (75.7)	.270 (6.9)	4.67 (118.6)	2.33 (3.47)
3 (75)	SP8 700	650	550	500	3.120 (79.2)	2.98 (75.7)	.070 (1.8)	4.22 (107.2)	.57 (.84)
	SP8 900	850	750	650	3.160 (80.3)	2.98 (75.7)	.090 (2.3)	4.27 (108.5)	.73 (1.09)
	SP8 1000	950	800	700	3.190 (81.0)	2.98 (75.7)	.105 (2.7)	4.32 (109.7)	.86 (1.28)
	SP8 1250	1150	1050	900	3.240 (82.3)	2.98 (75.7)	.130 (3.3)	4.37 (111.0)	1.07 (1.60)
	SP8 1500	1400	1250	1100	3.300 (83.8)	2.98 (75.7)	.160 (4.1)	4.42 (112.3)	1.33 (1.99)
	SP8 2000	1850	1650	1450	3.420 (86.9)	2.98 (75.7)	.220 (5.6)	4.57 (116.1)	1.87 (2.78)
	SP8 2500	2300	2100	1800	3.520 (89.4)	2.98 (75.7)	.270 (6.9)	4.67 (118.6)	2.33 (3.47)
4 (100)	SP8 700	650	550	500	4.180 (106.2)	3.98 (101.1)	.100 (2.5)	5.38 (137.0)	1.08 (1.61)
	SP8 900	850	750	650	4.230 (107.4)	3.98 (101.1)	.125 (3.2)	5.43 (138.0)	1.36 (2.03)
	SP8 1000	950	800	700	4.260 (108.2)	3.98 (101.1)	.140 (3.6)	5.47 (139.0)	1.53 (2.28)
	SP8 1250	1150	1050	900	4.330 (110.0)	3.98 (101.1)	.175 (4.4)	5.57 (141.0)	1.93 (2.88)
	SP8 1500	1400	1250	1100	4.400 (111.8)	3.98 (101.1)	.210 (5.3)	5.65 (144.0)	2.34 (3.48)
	SP8 2000	1850	1650	1450	4.550 (115.6)	3.98 (101.1)	.285 (7.2)	5.75 (146.0)	3.23 (4.81)
6 (150)	SP8 400⁴	370	330	300	6.260 (159.0)	6.10 (154.9)	.080 (2.0)	7.45 (190.0)	1.31 (1.95)
	SP8 500	450	400	350	6.310 (160.3)	6.10 (154.9)	.105 (2.7)	7.50 (190.0)	1.73 (2.58)
	SP8 800	750	650	550	6.440 (163.6)	6.10 (154.9)	.170 (4.3)	7.50 (190.0)	2.83 (4.21)
	SP8 1000	950	800	700	6.520 (165.6)	6.10 (154.9)	.210 (5.3)	7.60 (193.0)	3.52 (5.24)
	SP8 1250	1150	1050	900	6.620 (168.1)	6.10 (154.9)	.260 (6.6)	7.70 (197.0)	4.39 (6.54)
	SP8 1500³	1400	1250	1100	6.740 (171.2)	6.10 (154.9)	.320 (8.1)	7.85 (200.0)	5.45 (8.12)
8 (200)	SP8 400⁴	370	330	300	8.650 (219.7)	8.42 (213.9)	.115 (2.9)	9.90 (251.0)	2.60 (3.88)
	SP8 500	450	400	350	8.720 (221.5)	8.42 (213.9)	.150 (3.8)	10.0 (254.0)	3.41 (5.08)
	SP8 800	750	650	550	8.880 (225.6)	8.42 (213.9)	.230 (5.8)	10.2 (259.0)	5.28 (7.87)
	SP8 1000³	950	800	700	9.000 (228.6)	8.42 (213.9)	.290 (7.4)	10.4 (264.0)	6.70 (9.99)
	SP8 1250³	1150	1050	900	9.156 (232.6)	8.42 (213.9)	.368 (9.3)	10.6 (269.0)	8.58 (12.79)

1. Pipe Ratings are based on currently available long term and other test data. In all cases, chemical compatibility must be considered along with all other known operating conditions in selecting the proper piping system for a given service.

2. Joint length: 29.5 feet (9.0 M).

3. Thrust blocks required.

4. Vacuum breakers may be required.

					TYPICAL ULTIMATE VALUES		
Nominal Size Inches (mm)	Series/ Rating	Minimum Bend Radius Ft (M)	Offset per joint Inches (mm)	Support Spacing Ft (M)	Axial Thread Load	Short Term ¹ Weep Pressure PSI (MPa)	Ext. Collapse Pressure PSI (MPa)
2 (50)	SP8 900	103.7 (31.6)	52 (1.3)	11 (3.3)	40,000 lbs. (18,150 Kg)	3200 (22)	210 (1.45)
	SP8 1000	104.5 (31.9)	52 (1.3)	12 (3.6)	40,000 lbs. (18,150 Kg)	3600 (25)	300 (2.07)
	SP8 1250	106.0 (32.3)	51 (1.3)	13 (3.9)	40,000 lbs. (18,150 Kg)	4000 (28)	510 (3.52)
	SP8 1500	108.0 (32.9)	50 (1.3)	14 (4.2)	40,000 lbs. (18,150 Kg)	4500 (31)	910 (6.28)
	SP8 2000	111.5 (34.0)	48 (1.2)	15 (4.4)	40,000 lbs. (18,150 Kg)	5000 (35)	1970 (13.59)
	SP8 2500	115.5 (35.2)	47 (1.2)	16 (4.8)	40,000 lbs. (18,150 Kg)	5500 (38)	3780 (26.07)
	SP8 3000	119.5 (36.4)	45 (1.1)	17 (5.2)	40,000 lbs. (18,150 Kg)	5800 (40)	6230 (42.97)
2 1/2 (65)	SP8 700	130.0 (39.6)	42 (1.1)	12 (3.6)	55,000 lbs. (24,950 Kg)	2500 (17)	90 (0.62)
	SP8 800	131.0 (39.9)	41 (1.0)	13 (3.9)	55,000 lbs. (24,950 Kg)	3000 (21)	150 (1.03)
	SP8 1000	132.5 (40.4)	41 (1.0)	14 (4.2)	55,000 lbs. (24,950 Kg)	3500 (24)	260 (1.79)
	SP8 1250	135.0 (41.1)	40 (1.0)	15 (4.4)	55,000 lbs. (24,950 Kg)	3800 (26)	540 (3.72)
	SP8 1500	137.0 (41.8)	39 (1.0)	16 (4.8)	55,000 lbs. (24,950 Kg)	4200 (29)	850 (5.86)
	SP8 2000	142.0 (43.3)	38 (1.0)	17 (5.2)	55,000 lbs. (24,950 Kg)	5000 (35)	2030 (14.00)
3 (75)	SP8 700	156.0 (47.5)	35 (0.9)	13 (3.9)	65,000 lbs. (29,500 Kg)	2000 (14)	90 (0.62)
	SP8 900	158.0 (48.2)	34 (0.9)	14 (4.2)	65,000 lbs. (29,500 Kg)	2500 (17)	180 (1.24)
	SP8 1000	159.5 (48.6)	34 (0.9)	15 (4.4)	65,000 lbs. (29,500 Kg)	3000 (21)	280 (1.93)
	SP8 1250	162.0 (49.4)	33 (0.8)	16 (4.8)	65,000 lbs. (29,500 Kg)	3500 (24)	510 (3.52)
	SP8 1500	165.0 (50.3)	33 (0.8)	17 (5.2)	65,000 lbs. (29,500 Kg)	4200 (29)	910 (6.28)
	SP8 2000	171.0 (52.1)	32 (0.8)	18 (5.4)	65,000 lbs. (29,500 Kg)	5000 (35)	2120 (14.62)
	SP8 2500	176.0 (53.6)	31 (0.8)	20 (6.1)	65,000 lbs. (29,500 Kg)	5500 (38)	3610 (24.90)
4 (100)	SP8 700	209.0 (63.7)	26 (0.7)	14 (4.2)	80,000 lbs. (36,300 Kg)	2000 (14)	100 (0.69)
	SP8 900	211.5 (64.5)	26 (0.7)	15 (4.4)	80,000 lbs. (36,300 Kg)	2500 (17)	200 (1.38)
	SP8 1000	213.0 (64.9)	25 (0.6)	16 (4.8)	80,000 lbs. (36,300 Kg)	3000 (21)	280 (1.93)
	SP8 1250	216.5 (64.9)	25 (0.6)	18 (5.4)	80,000 lbs. (36,300 Kg)	3500 (24)	520 (3.59)
	SP8 1500	220.0 (67.1)	25 (0.6)	20 (6.1)	80,000 lbs. (36,300 Kg)	4000 (28)	860 (5.93)
	SP8 2000	227.5 (69.3)	24 (0.6)	21 (6.3)	80,000 lbs. (36,300 Kg)	4800 (34)	1960 (13.52)
6 (150)	SP8 400	313.0 (95.4)	17 (0.4)	20 (6.1)	110,000 lbs. (49,900 Kg)	900 (6.21)	10 (0.07)
	SP8 500	315.5 (96.2)	17 (0.4)	20 (6.1)	110,000 lbs. (49,900 Kg)	1500 (10.3)	30 (0.21)
	SP8 800	322.0 (98.1)	17 (0.4)	20 (6.1)	110,000 lbs. (49,900 Kg)	2400 (16.5)	140 (0.97)
	SP8 1000	326.0 (99.4)	17 (0.4)	22 (6.7)	110,000 lbs. (49,900 Kg)	3000 (20.7)	260 (1.79)
	SP8 1250	331.0 (100.9)	16 (0.4)	24 (7.3)	110,000 lbs. (49,900 Kg)	3750 (26.5)	480 (3.31)
	SP8 1500	337.0 (102.7)	16 (0.4)	25 (7.6)	110,000 lbs. (49,900 Kg)	4500 (31.0)	850 (5.86)
8 (200)	SP8 400	432.5 (131.8)	12 (0.3)	14 (4.2)	155,000 lbs. (70,300 Kg)	900 (6.21)	10 (0.07)
	SP8 500	436.0 (132.9)	12 (0.3)	15 (4.4)	155,000 lbs. (70,300 Kg)	1250 (8.60)	40 (0.28)
	SP8 800	444.0 (135.3)	12 (0.3)	16 (4.8)	155,000 lbs. (70,300 Kg)	2000 (13.7)	130 (0.90)
	SP8 1000	450.0 (137.2)	12 (0.3)	17 (5.2)	155,000 lbs. (70,300 Kg)	2500 (17.2)	260 (1.79)
	SP8 1250	457.8 (139.5)	12 (0.3)	18 (5.4)	155,000 lbs. (70,300 Kg)	3150 (21.7)	510 (3.52)

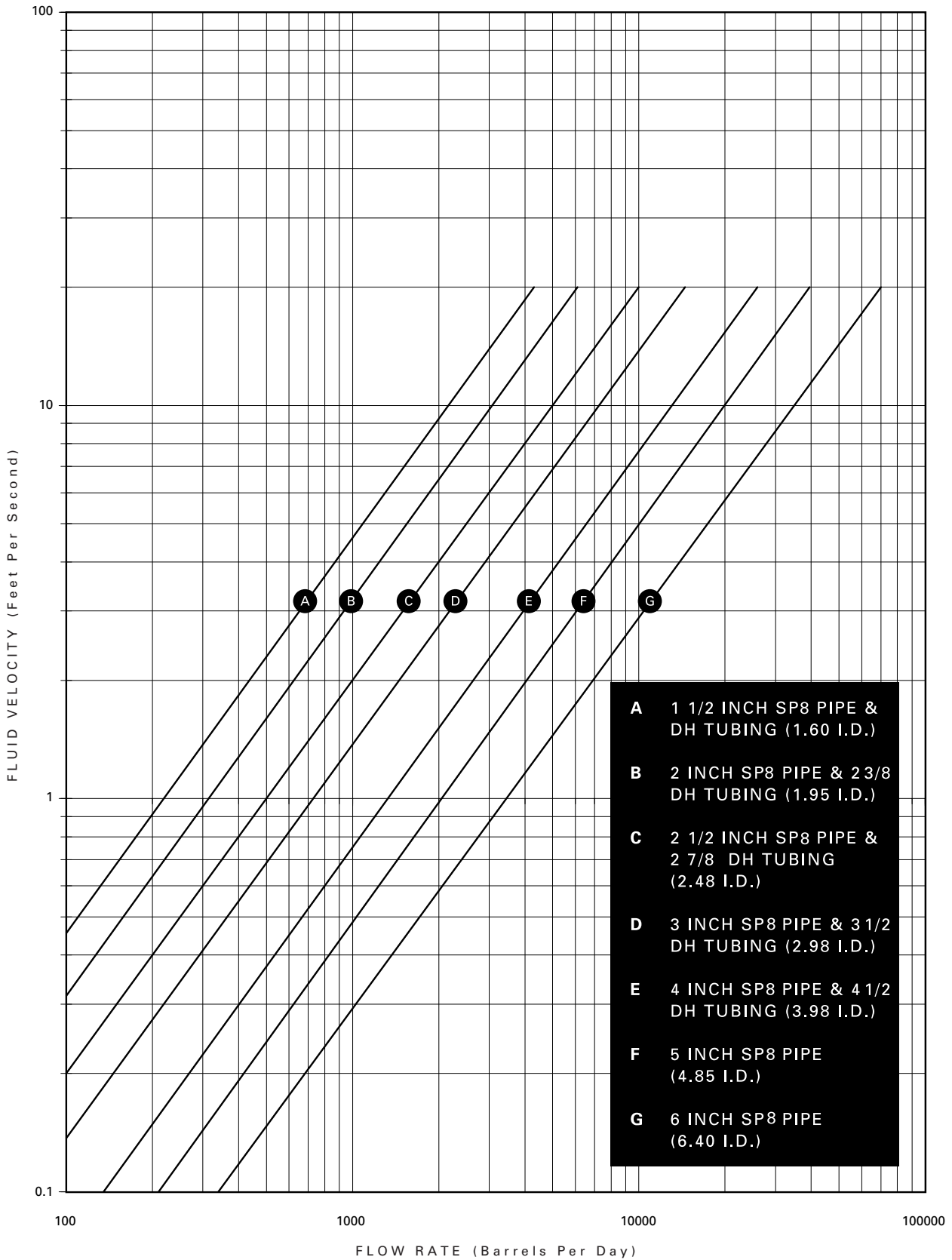
1. Unrestrained across the joint strength.



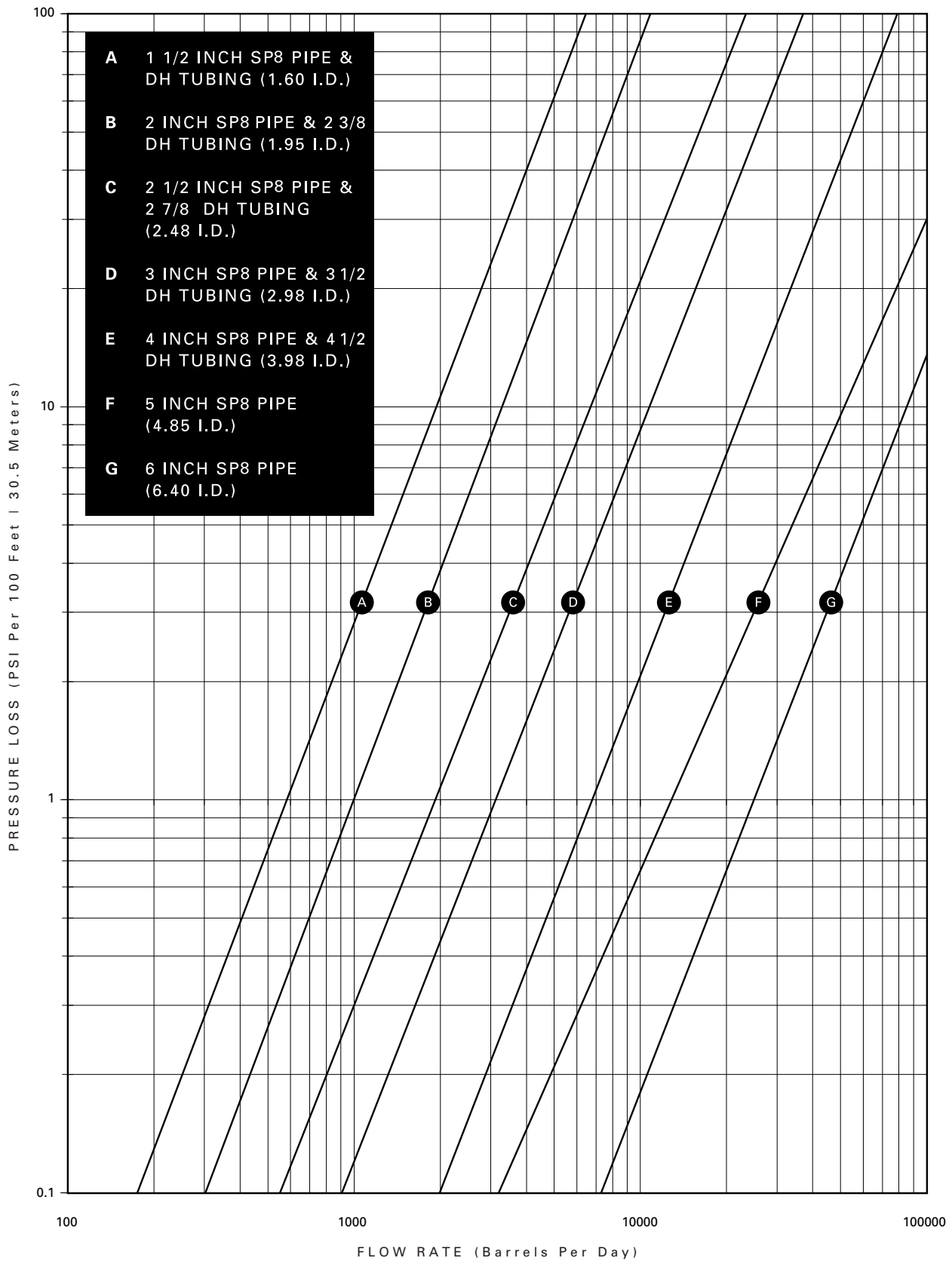
Detail

<i>Mill Test Pressure:</i>	Operating Pressure x 1.25
<i>Axial Modulus of Elasticity:</i>	1.85 x 10 ⁶ PSI (1.27 x 10 ⁴ MPa)
<i>Hoop Modulus of Elasticity:</i>	3.00 x 10 ⁶ PSI (2.05 x 10 ⁴ MPa)
<i>Density:</i>	0.07 lbs/in ³ (Sp. Gr. = 1.95)
<i>Coefficient of Thermal Expansion:</i>	1.0 x 10 ⁻⁵ in/in/°F (1.8 x 10 ⁻⁵ m/m/°C)
<i>Hazen-Williams Flow Factor:</i>	150
<i>Poissons Ratio (Hoop/Tensile):</i>	.60
<i>Poissons Ratio (Axial Tensile):</i>	.45

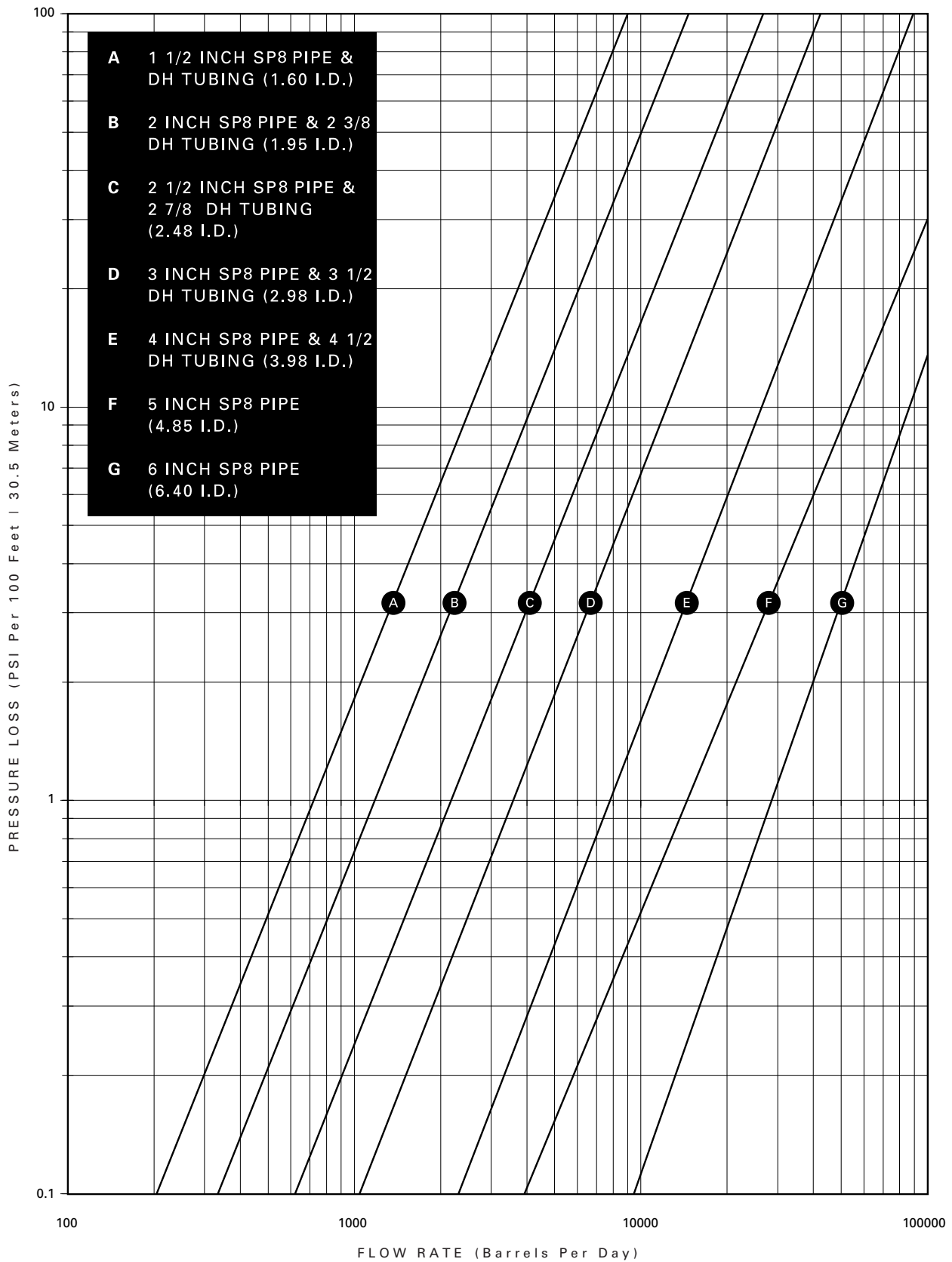
INTEGRAL JOINT SURFACE PIPE AND TUBING



INTEGRAL JOINT SURFACE PIPE



INTEGRAL JOINT SURFACE PIPE



INTEGRAL JOINT SURFACE PIPE

