



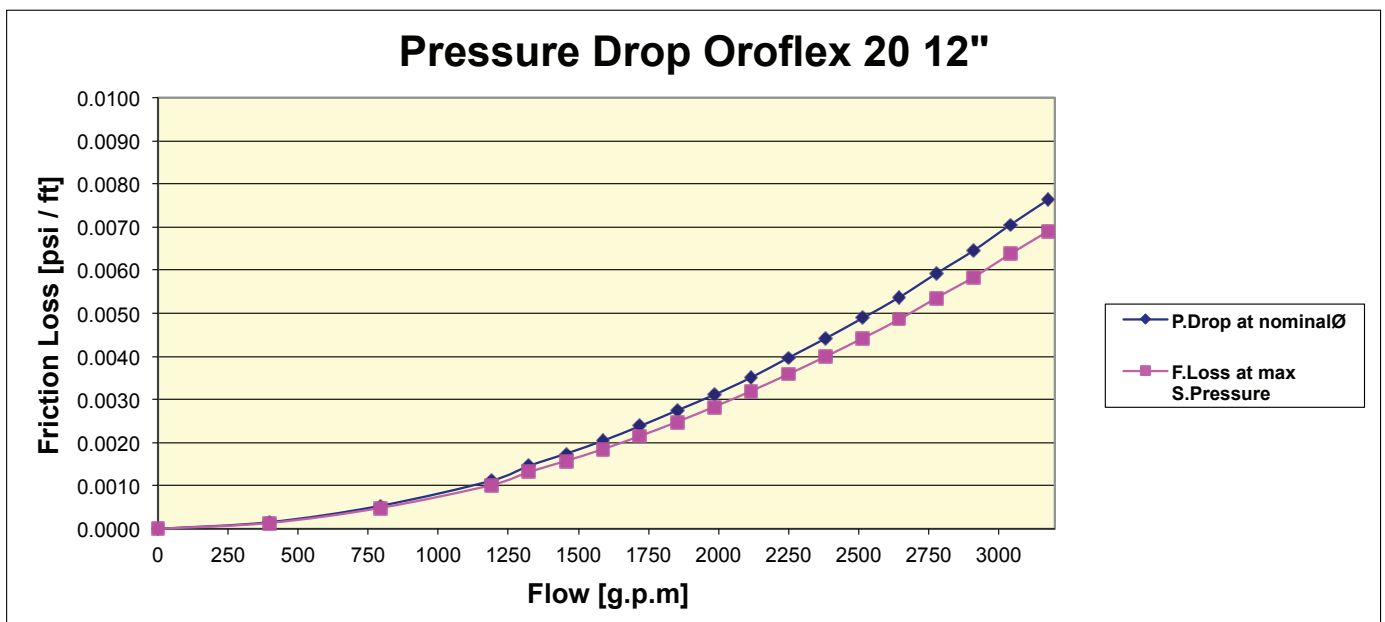
FAST FRAC SUPPLY LINE BY OROFLEX

Pressure Drop Oroflex 20 12"

Flow	Flow	Flow	P.Drop at nominalØ		F.Loss at max S.Pressure	
[l/min]	[g.p.m]	[barrels/min]	[bar/100m]	[psi/ft]	[bar/100m]	[psi/ft]
0	0	0.0	0	0.0000	0	0.0000
1500	397	9.4	0.0035	0.0002	0.0031	0.0001
3000	794	18.9	0.0121	0.0005	0.0110	0.0005
4500	1190	28.3	0.0253	0.0011	0.0230	0.0010
5000	1323	31.5	0.0330	0.0015	0.0298	0.0013
5500	1455	34.6	0.0394	0.0017	0.0356	0.0016
6000	1587	37.8	0.0462	0.0020	0.0418	0.0018
6500	1720	40.9	0.0539	0.0024	0.0487	0.0022
7000	1852	44.1	0.0621	0.0027	0.0561	0.0025
7500	1984	47.2	0.0703	0.0031	0.0640	0.0028
8000	2116	50.4	0.0794	0.0035	0.0723	0.0032
8500	2249	53.5	0.0897	0.0040	0.0811	0.0036
9000	2381	56.7	0.0998	0.0044	0.0903	0.0040
9500	2513	59.8	0.1105	0.0049	0.0999	0.0044
10000	2646	63.0	0.1215	0.0054	0.1099	0.0049
10500	2778	66.1	0.1340	0.0059	0.1212	0.0054
11000	2910	69.3	0.1460	0.0065	0.1320	0.0058
11500	3042	72.4	0.1596	0.0071	0.1443	0.0064
12000	3175	75.6	0.1725	0.0076	0.1560	0.0069
12500	3307	78.7	0.1872	0.0083	0.1693	0.0075
13000	3439	81.9	0.2011	0.0089	0.1818	0.0080
13500	3571	85.0	0.2168	0.0096	0.1961	0.0087
14000	3704	88.2	0.2315	0.0102	0.2093	0.0093

DISTANCE	[miles]	6
FLOW	[barrels/minute]	60
FLOW	[gpm]	2513
P.Drop	[psi]	140

Max Pressure of the pumps	130	[psi]
Ner of Booster pumps	1.1	[units]



May change without notice at our discretion.