



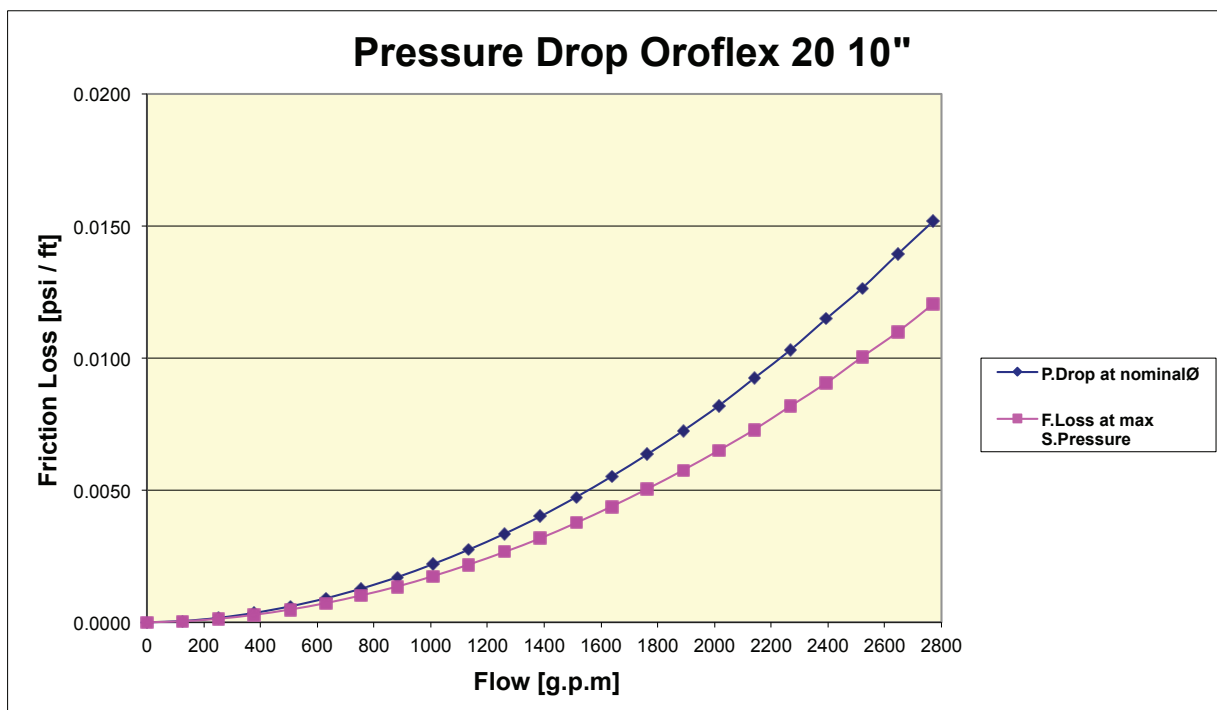
# FAST FRAC SUPPLY LINE BY OROFLEX

## Pressure Drop Oroflex 20 10"

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
476	126	3.0	0.0011	0.0000	0.0009	0.0000
953	252	6.0	0.0038	0.0002	0.0030	0.0001
1429	378	9.0	0.008	0.0004	0.0064	0.0003
1905	504	12.0	0.0136	0.0006	0.0109	0.0005
2381	630	15.0	0.0205	0.0009	0.0164	0.0007
2858	756	18.0	0.0289	0.0013	0.0231	0.0010
3334	882	21.0	0.0386	0.0017	0.0306	0.0014
3810	1008	24.0	0.0498	0.0022	0.0395	0.0017
4287	1134	27.0	0.0622	0.0027	0.0494	0.0022
4763	1260	30.0	0.0758	0.0034	0.0602	0.0027
5239	1386	33.0	0.0906	0.0040	0.0719	0.0032
5715	1512	36.0	0.1071	0.0047	0.0851	0.0038
6192	1638	39.0	0.1249	0.0055	0.0992	0.0044
6668	1764	42.0	0.1439	0.0064	0.1143	0.0051
7144	1890	45.0	0.1641	0.0073	0.1303	0.0058
7620	2016	48.0	0.1855	0.0082	0.1473	0.0065
8097	2142	51.0	0.2094	0.0093	0.1652	0.0073
8573	2268	54.0	0.2332	0.0103	0.1852	0.0082
9049	2394	57.0	0.2599	0.0115	0.2049	0.0091
9526	2520	60.0	0.286	0.0126	0.2271	0.0100
10002	2646	63.0	0.3153	0.0139	0.2486	0.0110
10478	2772	66.0	0.3437	0.0152	0.2729	0.0121

DISTANCE	[miles]	6
FLOW	[barrels/minute]	60
FLOW	[gpm]	2520
P.Drop	[psi]	318

Max Pressure of the pumps	130	[psi]
Ner of Booster pumps	2.4	[units]



May change without notice at our discretion.