

Comparison between Sucker Rods and Coiled Tubing

Weight and Stiffness

Sucker Rods Vs CT Weight and Moment of Inertia

Rods	Size	lbs/ft	Mom Inertia	Coiled Tubing
	1"	2.89	0.049	1.1/4" CT
	7/8"	2.19	0.032	1.6 lbs/ft
	3/4"	1.62	0.015	0.070

Comparison of weight and stiffness between SR and CT

Diameter	Weight/Feet	Moment of Inertia
1" CT.....	1 lb/ft	0.037
1.1/4 CT.....	1.6 lb/ft	0.070
1.1/2" CT.....	2 lb/ft	0.128
2" CT.....	2.6 lb/ft.....	0.375
3/4" Rods.....	1.6 lb/ft.....	0.015
7/8" rods.....	2.24 lb/ft.....	0.032
1" Rods.....	2.9 lb/ft.....	0.049