

Fluid Capacity and Temperature Affects

Fluid Capacity per 100'		
Diameter	SDR	Gallons
3/4"	SDR 11	3.02
1"	SDR 11	4.73
1 1/4"	SDR 11	7.55
1 1/2"	SDR 11	9.93
2"	SDR 11	15.36
3"	SDR 11	33.47
4"	SDR 11	55.31

As the temperature of the fluid increases above 73.4⁰ F, the pressure carrying capacity of HDPE pipe decreases.

73 ⁰ F.	80 ⁰ F.	90 ⁰ F.	100 ⁰ F.	110 ⁰ F.	120 ⁰ F.	130 ⁰ F.
Pressure Capacity in PSI						
80	76	72	64	60	56	40
100	95	90	80	75	70	50
125	118	112	100	93	87	62
160	152	144	128	120	112	80
200	190	180	160	150	140	100

Centennial Plastics is an ISO 9001 certified company.

CENTENNIAL PLASTICS, INC.

Quality and Service that Soars!

1830 Centennial Avenue
Hastings, NE 68901
Phone: (402) 462-2227
Fax: (402) 462-5529

5098 Treasure Valley Way
Nampa, ID 83687
Phone: (208) 855-4779
Fax: (208) 321-4803