



Chart of Common Threads

Size	National Standard NST (NH, NHT)		National Pipe Straight Hose NPSH (IPT)		Chicago Fire Dept. CFD		New York Fire Dept. FDNY		New York Corporation NYC		Pacific Coast PCT		British Standard Pipe Thread BSP	
	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI
3/4"	1.375	8	1.035	14	-	-	-	-	-	-	1.063	11	1.041	14
1"	1.375	8	1.295	11 1/2	1.375	8	1.660	8	-	-	1.312	11 1/2	1.309	11
1 1/4"	1.672	9	1.634	11 1/2	-	-	-	-	-	-	1.860	11	1.650	11
1 1/2"	1.990	9	1.879	11 1/2	1.933	11 1/2	2.100	8	2.093	11	2.100	11	1.882	11
2"	2.516	8	2.353	11 1/2	-	-	2.530	8	2.547	11	2.550	10	2.347	11
2 1/2"	3.069	7 1/2	2.841	8	2.990	7 1/2	3.030	8	3.000	8	3.035	7 1/2	2.960	11
3"	3.624	6	3.470	8	-	-	3.630	8	-	-	-	-	3.460	11
3 1/2"	4.244	6	3.970	8	4.052	8	4.070	8	-	-	-	-	4.125	11
4"	5.011	4	4.470	8	5.000	4	4.610	8	-	-	-	-	4.450	11
4 1/2"	5.761	4	4.970	8	5.761	4	5.800	4	-	-	-	-	4.950	11
5"	6.260	4	-	-	6.260	4	-	-	-	-	-	-	5.450	11
6"	7.025	4	-	-	7.025	4	-	-	-	-	-	-	6.450	11

Abbreviations

- ODM** Outside diameter of male fittings, inches
- TPI** Threads per inch

Other Threads

3/4" Garden Hose Threads (GHT)
1.063 ODM x 11 1/2 TPI

1 1/2" Underwriters Playpipe Tip Thread (UTT)
2.187 ODM x 12 TPI

Always Identify Threads

Specify thread requirements for all hose connections. If threads are not known or cannot be identified, consult with local Fire Marshall or Fire Department in project location.

Guardian Fire machines common and special threads according to specifications (ODMxTPI) or sample male fitting. ©c

150lb ANSI B16.24 Flanges

Size	Outside Diameter	Thickness	Bolt Circle Diameter	Number of Bolt Holes	Bolt Hole Size
1 1/2"	5"	7/16"	3 7/8"	4	5/8"
2"	6"	1/2"	4 3/4"	4	3/4"
2 1/2"	7"	9/16"	5 1/2"	4	3/4"
3"	7 1/2"	5/8"	6"	4	3/4"
4"	9"	11/16"	7 1/2"	8	3/4"
6"	11"	13/16"	9 1/2"	8	7/8"