STANDARD FIRE HOSE THREADS

Size	ODM	TPI	Size	ODM	TPI	Size	ODM	TPI	Size	ODM	TPI
Nat'l. Hose Thread (NHT)			Eastern Hose Thread			Underwriter Tip Thread			Quebec Standard Thread (QST)		
.75	1.3750	8	.75	1.0781	11	1.5	2.1875	12	2.5	3.031	7
1	1.3750	8	1	1.4219	11				Alberta Mutual Aid Thread (AMA)		
1.25	1.6718	9	1.25	1.6875	11.5						
1.5	1.9900	9	1.5	2.1250	11	Chicago FD Thread					
2	2.5156	8	2	2.6719	7.5	1	1.375	8	2.5	2.990	8
2.5	3.0686	7.5	2.5	3.0000	8	1.5	1.933	11.5	British Columbia (BCT)		
.3	3.6239	6	Pacific Coast Thread			2.5	2.990	7.5	2.5	3.000	8
3.5	4.2439	6	.75	1.0625	11	3.5	4.052	8	Western Canada Fire Underwriters Thread		
4	5.000	4	1	1.3125	11.5	4	5.000	4			
4.5	5.7609	4	1.25	1.8600	11	4.5	5.7609	4	2.5	3.250	6
5	6.260	4	1.5	2.1000	11	5	6.260	4	Buffalo, NY Thread		
6	7.025	4	2	2.5500	10	Chicago Hose Thread			2.5	3.065	8
Nat'l. Pipe Straight Hose Thread (NPSH)			2.5	3.0350	7.5	.75	1.0810	11.5	Cincinnati, OH Thread		
			NYCFD Thread			1	1.2951	11.5	2.5	3.058	6
.75	1.0353	14	1	1.660	8	1.25	1.7050	11.5	Cleveland, OH & Omaha, NE Thread		
1	1.2951	11.5	1.5	2.100	8	1.5	1.9460	11.5			
1.25	1.6399	11.5	2	2.530	8	2	2.5220	8	2.5	3.0781	8
1.5	1.8788	11.5	2.5	3.030	8	2.5	3.0430	7	Detroit, MI Thread		
2	2.3528	11.5	3	3.630	8	Standard Chemical Thread			2.5	3.125	7.5
2.5	2.843	8	3.5	4.070	8	.75	1.375	8	Pittsburgh, PA Thread		
3	3.4700	8	4	4.610	8	Canadian Standard Assoc. Thread (CSA)			2.5	3.0625	6
3.5	3.9700	8	4.5	5.800	4				Toledo, OH Thread		
4	4.4700	8	5	6.300	4	1.5	1.8788	11.5	2.5	3.000	8
4.5	4.9700	8				2.5	3.1250	5			

SUCTION HOSE THREADS

Size	ODM	TPI	Size	ODM	TPI
American LaFrance Thread			Seagrave Thread		
			4.0	5.000	4
4.0	5.085	4	4.5	5.750	4
4.5	5.750	4	5	6.250	4
5	6.150	4	6	7.000	4
6	7.000	4	Hale Fire Pump Thread		
Mack Thread			4.0	5.000	4
4.0	4.999	4	4.5	5.7609	4
4.5	5.7609	4	5	6.250	4
5	6.230	4	6	7.250	4
6	6.955	4	Ward LaFrance Thread		
Maxim Thread			4.0	5.000	4
4.0	5.000	4	4.5	5.750	4
4.5	5.750	4	5	6.250	4
5	6.250	4	6	7.000	4
6	7.000	4	Waterous Fire Pump Thread		
Pirsch Thread					
4.0	5.000	4	4.0	5.0109	4
4.5	5.750	4	4.5	5.7609	4
5	6.250	4	5	6.260	4
6	7.000	4	6	7.261	4

ABBREVIATION DEFINITIONS

- *ODM – outside diameter of male*
- *TPI – threads per inch*

THREAD DESIGNATIONS

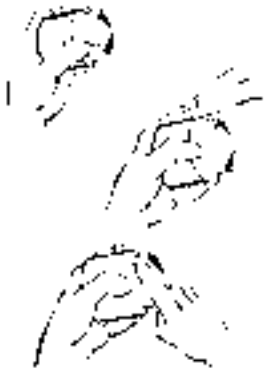
- *National Hose – NH or NHT; also called National Standard Thread (NST)*
- *National Pipe Straight Hose – NPSH; also called Straight Iron Pipe Thread (SIPT)*
- *National Pipe Thread – NPT; also called Tapered Iron Pipe Thread (TIPT)*
- *British Standard Parallel Pipe – BSPP*
- *British Standard Pipe Taper – BSPT*

Please inquire with our sales staff as to availability of a specific thread on your product.

FLANGE SPECIFICATIONS

ANSI Flange Size	2.5"-150#	3.0"-150#	3.0"-300#	4.0"-150#	4.00"-300#	6.0"-150#	6.0"-300#
Diam. of flange	7.00"	7.50"	8.25"	9.00"	10.00"	11.00"	12.50"
Bolt circle diam.	5.50"	6.00"	6.625"	7.50"	7.875"	9.50"	10.625"
Bolt hole diam.	.750"	.750"	.875"	.750"	.875"	.875"	.875"
No. bolt holes	4	4	8	8	8	8	12
Bolt diameter	.625"	.625"	.750"	.625"	.750"	.750"	.750"

METHODS FOR DETERMINING THREAD DIMENSIONS



If Leaf Thread Gauge and Thread Caliper are not available; or sample cannot be sent, the following method may be used to obtain the needed information about threads.

1. Cut a strip of paper about 1" wide and long enough to completely encircle the male thread.
2. Wrap this paper snugly around the male thread making sure it is against the shoulder all the way around.
3. Pierce the paper with a pin at some point where the paper overlaps.
4. Press firmly against the threads with finger. This impression in the paper is used to determine the threads per inch.
5. Remove strip and circle pin holes with pencil.
6. The distance between the pin holes divided by 3.1416 equals the ODM (outside diameter of the male).

Both the ODM and the threads per inch are needed for ordering purposes. Sharp "V" thread form supplied unless otherwise specified.