

THREAD INFORMATION

These tables outline the most commonly used threads. However, Protek has the ability to cut many other threads required by the fire service. Generally, there is no extra charge for these unique threads.

Style	National Standard (NH)		Straight Iron Pipe (NPSH)		New York FD (FDNY)		New York Corp (NYC)		Pacific Coast (PCT)		Chicago Fire Dept. (CFD)		British Standard (BSP)	
	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI
3/4"	1.375	8	1.0353	14					1.0625	11			1.041	14
1"	1.375	8	1.295	11.5	1.66	8			1.3125	11.5			1.309	11
1-1/2"	1.99	9	1.8788	11.5	2.1	8	2.093	11	2.1	11	1.933	11.5	1.882	11
2"	2.515	8	2.3528	11.5			2.561	11	2.55	10			2.347	11
2-1/2"	3.068	7.5	2.841	8	3.03	8	3	8	3.046	7.5	2.99	7.5	2.96	11
3"	3.6239	6	3.47	8									3.46	11
3-1/2"	4.2439	6	3.97	8							4.052	8		
4"	5.0109	4	4.47	8							5.011	4	4.45	11
4-1/4"	5.7609	4	4.97	8							5.761	4	4.95	11
5"	6.26	4	5.53	8							6.26	4	5.45	11
6"	7.025	4	6.59	8									6.45	11

Canadian Standard 2-1/2" Hose Threads			
Code	Description	ODM	TPI
AMA	Albert Mutual Aid	2.99	8
BCT	British Columbia	3	8
CSA	Canadian Standards Association - Ontario	3.125	5
QST	Province of Quebec Standard	3.031	7
WCT	Western Canada Fire Underwriters	3.25	6
NDC	Nova Scotia - Zones 1	3.234	5

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 – BSP

Flange Specifications					
	2-1/2" ANSI 150#	3" ANSI 150# DN80 PN20	4" ANSI 150# DN100 PN20	DN80 PN16	DN100 PN16
Outside Diameter	7"	7.5" 190.5mm	9" 230mm	200mm	220mm
Thickness	0.75"	0.75" 20mm	0.94" 23mm	22mm	22mm
Bolt Hole Circle	5.5"	6" 152.5mm	7.5" 190.5mm	160mm	180mm
Number of Bolts	4	4	8	8	8
Size of Bolts	5/8"	5/8"	5/8"	16mm	16mm

Please contact us on support@protektfire.com.tw to check availability of a specific thread on your product.

