

THREAD COMPATIBILITY



NAME	ABBREVIATION	MALE/FEMALE	COMPATIBLE WITH	SEAL	NOTES
National Pipe Taper	NPT	Male	Female NPT, NPTF	Thread	MPT is male NPT FPT is female NPT ASME B1.20.1
			Female NPSM, NPSH	Washer	
		Female	Male NPT, NPTF	Thread	
National Pipe Tapered Fuel	NPTF	Male	Female NPTF, NPT	Thread	NPTF threads are known as dryseal threads ASME B1.20.1
			Female NPSH, NPSM	Washer	
		Female	Male NPTF, NPT	Thread	
National Hose/ National Standard Thread	NH/NST	Male	Female NH/NST	Gasket in female coupling	NH and NST threads are the same. Most common thread type used by U.S. fire departments
		Female	Male NH/NST	Square face on male coupling	
National Pipe Straight Mechanical	NPSM	Male	Female NPSM, NPSH	Mechanical or washer	ASME B1.20.1
		Female	Male NPSM, NPT, NPTF		
National Pipe Straight Hose	NPSH	Male	Female NPSH	Washer	ASME B1.20.1
		Female	Male NPSH, NPSM, NPT, NPTF		
British Standard Pipe Taper	BSPT	Male	Female BSPT	Thread	BSPT threads are known as R threads. ISO 7
			Female BSPP	Washer	
		Female	Male BSPT	Thread	
British Standard Pipe Parallel	BSPP	Male	Female BSPP	Washer	BSPP threads are known as G threads. ISO 7
		Female	Male BSPP, BSPT		
Garden Hose Thread	GHT	Male	Female GHT	Washer	The thread is the same for all size hoses. ASME B1.20.7
		Female	Male GHT		
Metric Parallel	M	Male	Female M	Thread	ISO 724
		Female	Male M Male M tapered	Washer	
Metric Tapered	-	Male	Female M tapered, MJ	Thread	ISO 724
			Female M parallel	Washer	
		Female	Male M tapered	Thread	
Metric Threads For High Stress	MJ	Male	Female MJ	Washer	ISO 5855
		Female	Male MJ, Male M		
Unified Thread Standard	UTS	Male	Female UTS	Washer	ASME B1.1
		Female	Male UTS		