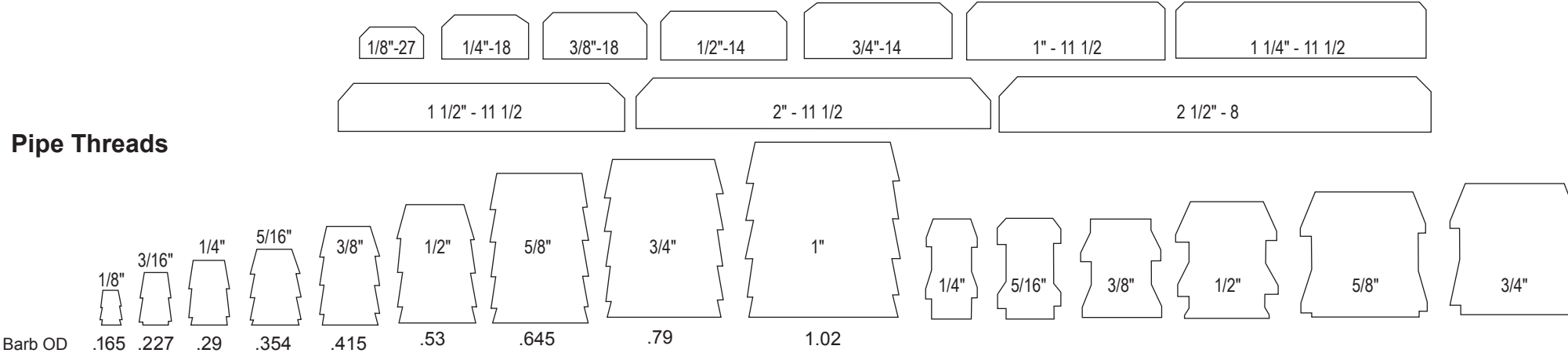
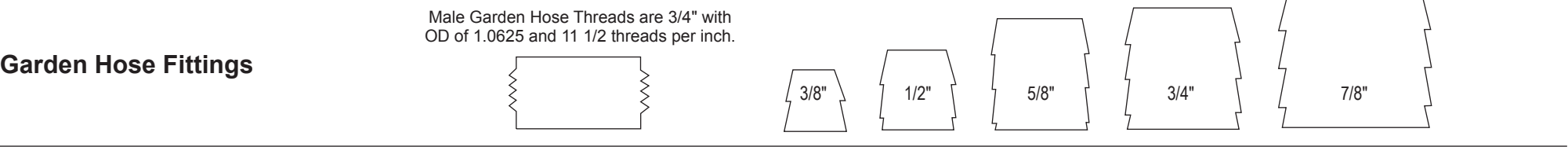


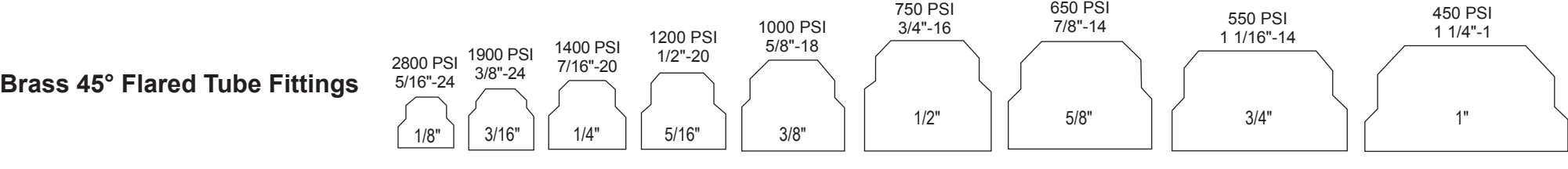
FITTINGS – THREAD PROFILES



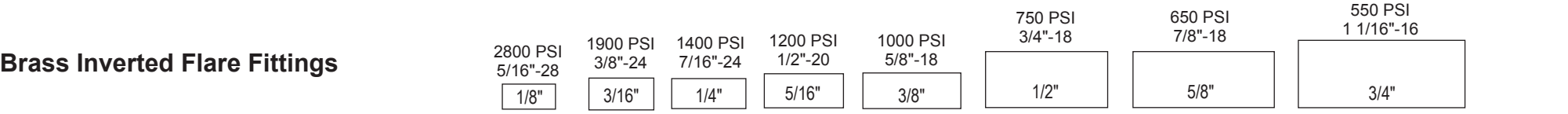
Pipe Threads



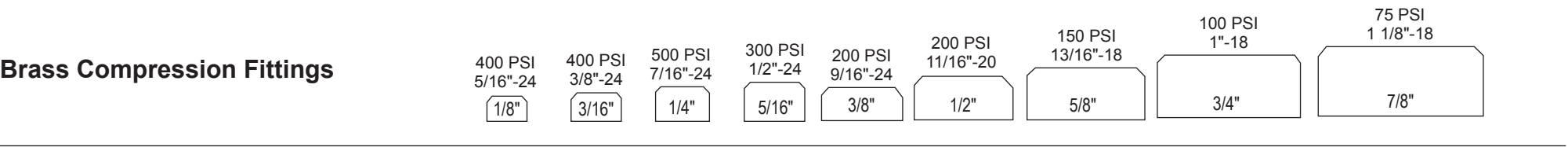
Garden Hose Fittings



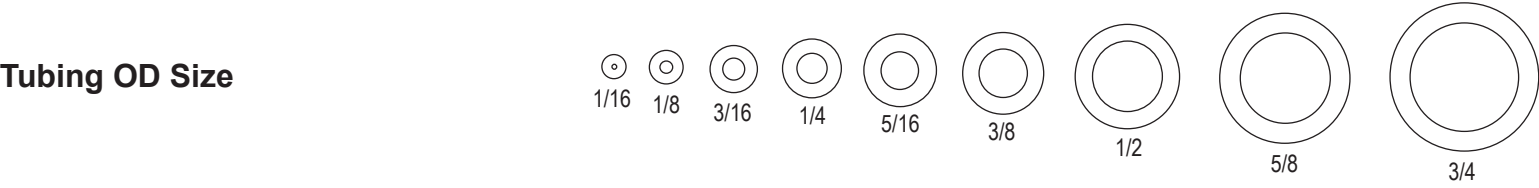
Brass 45° Flared Tube Fittings



Brass Inverted Flare Fittings



Brass Compression Fittings



Tubing OD Size

FITTINGS – THREAD INFORMATION CHART

Dash Size	2		3	4	5	6	7	8	10	12	14	16	20	24	32	40	48
OD Tubing Size	1/8	5/32	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	2	2 1/2	3
Standard Pipe Size NPTF (Dryseal)	1-8/27			1/4-18		3/8-18		1/2-14		3/4-14		1-11 ^{1/2}	1 ^{1/4} -11 ^{1/2}	1 1/2-11 ^{1/2}	2-11 ^{1/2}	2 ^{1/2} -8	3-8
SAE 45° Flare	5/16-24		3/8-24	7/16-20	1/2-20	5/8-18	11/16-16	3/4-16	7/8-14	1 1/16-14	1 1/4-12	1 3/8-12					
Inverted Flare	5/16-24		3/8-24	7/16-24	1/2-20	5/8-18	11/16-18	3/4-18	7/8-18	1 1/16-16							
JIC 37° Flare	5/16-24		3/8-24	7/16-20	1/2-20	9/16-18		3/4-16	7/8-14	1 1/16-12	1 3/16-12	1 5/16-12	1 5/8-12	1 7/8-12	2 1/2-12	3-12	3 ^{1/2} -12
Compression	5/16-24	5/16-24	3/8-24	7/16-24	1/2-24	9/16-24	5/8-24	11/16-20	13/16-18	1-18	1 1/8-18						
Flareless Compression (Plastic Tube)	5/16-24		3/8-24	3/8-24	7/16-24	1/2-24		11/16-20									
Air Brake (Plastic Tube)				7/16-24		17/32-24		11/16-20	13/16-18	1-18							
Air Brake (Copper Tube)				7/16-24	1/2-24	17/32-24		11/16-20	13/16-18	1-18							
Double Compression	5/16-24		3/8-24	7/16-24	1/2-20	9/16-20		11/16-16									
Steel Compression (High Pressure)	5/16-24		3/8-24	7/16-20	1/2-20	9/16-18		3/4-16	7/8-14	1 1/16-12	1 3/16-12	1 5/16-12	1 5/8-12	1 7/8-12	2 1/2-12		
SAE O-Ring	5/16-24		3/8-24	7/16-20	1/2-20	9/16-18		3/4-16	7/8-14	1 1/16-12	1 3/16-12	1 5/16-12	1 5/8-12	1 7/8-12	2 1/2-12		
Internal O-Ring				1/2-20	9/16-18	5/8-18		7/8-14	1-14	1 1/8-12	1 1/2-12	1 3/4-12	2-12				
NPSM Swivel Thread	1/8-27			1/4-18		3/8-18		1/2-14		3/4-14		1-11 ^{1/2}	1 ^{1/4} -11 ^{1/2}	1 ^{1/2} -11 ^{1/2}	2-11 ^{1/2}		
Flat Face Thread				9/16-18		11/16-16		13/16-16	1-14	1 ^{3/16} -12		1 ^{7/16} -12	1 ^{11/16} -12	2-12			
British Thread BSPP/BSPT	1/8-28			1/4-19		3/8-19		1/2-14		3/4-14		1-11	1 ^{1/4} -11	1 ^{1/2} -11	2-11		
Metric Thread	10 M10x1.0		12 M12x1.5	14 M14x1.5	16 M16x1.5	18 M18x1.5	20 M20x1.5	22 M22x1.5	24 M24x1.5	26 M26x1.5	27 M27x2.0	30 M30x2.0	33 M33x2.0	36 M36x2.0	42 M42x2.0	48 M48x2.0	
Code 61 Flange Head OD								1.19	1.335	1.50		1.75	2.00	2.38	2.81	3.31	4.00
Code 62 Flange Head OD								1.25		1.62		1.88	2.12	2.50	3.12		