PIRTEK OIL & GAS

HiP High Pressure Equipment Company

VALVES, FITTINGS & TUBING SELECTION GUIDE

VALVES AND FITTINGS

	psi	Tubing Size O.D.	Tubing Size I.D.	Two Way Straight	Two Way Angle	Three Way Two Press	Three Way One Press	Three Way Two Stem	Replaceable Seat	Elbows	Tees	Crosses	Glands	Sleeves/ Collars	Plugs	Couplings	Bulkhead Couplings	Caps	Line Filters	Check Valves Ball Type	Check Valves Soft Seat	Safety Heads Male Inlet	Safety Heads Tee Type	Safety Heads Straight
				Valves						Fittings			Connection Components											
Taper Seal Valves	10,000	1/8"	1/16"	10-11AF4	10-12AF4	10-13AF4	10-14AF4	10-15AF4	NA	10-22AF4	10-23AF4	10-24AF4	10-2AM4	10-2A4	10-7AM4		15-21AF1-C	15-21AF1-C	10-51AF4	10-41AF4	10-41AF4-T	10-61AM4	10-63AF4	10-61AF4
		3/8"	1/4"	10-11AF6	10-12AF6	10-13AF6	10-14AF6	10-15AF6	NA	10-22AF6	10-23AF6	10-24AF6	10-2AM6	10-2A6	10-7AM6		15-21AF2-C	15-21AF2-C	10-51AF6	10-41AF6	10-41AF6-T	10-61AM6	10-63AF6	10-61AF6
	15,000	1/16"	.006"	15-11AF1	15-12AF1	15-13AF1	15-14AF1	15-15AF1	NA	15-22AF1	15-23AF1	15-24AF1	15-2AM1	15-2A1	15-7AM1		15-21AF4-C	15-21AF4-C	15-51AF1	15-41AF1	15-41AF1-T		15-63AF1	15-61AF1
		1/8"	1/16"	15-11AF2	15-12AF2	15-13AF2	15-14AF2	15-15AF2	NA	15-22AF2	15-23AF2	15-24AF2	15-2AM2	15-2A2	15-7AM2		15-21AF6-C	15-21AF6-C	15-51AF2	15-41AF2	15-41AF2-T		15-63AF2	15-61AF2
NPT Valves	10,000	3/4" NPT	—	10F-11NFF	10F-12NFF	10F-13NFF	10F-14NFF	10F-15NFF	10F-12NFFR	10-22NFF	10-23NFF	10-24NFF			10-7NMF	10-21NFF	10-21NFF-B	10-21NFF-C		10-41NFF	10-41NFF-T		15-63NFA	15-61NFA
		1" NPT	—	10F-11NFH	10F-12NFH	10F-13NFH	10F-14NFH	10F-15NFH	10F-12NFHR	10-22NFH	10-23NFH	10-24NFH			10-7NMH	10-21NFH	10-21NFH-B	10-21NFH-C		10-41NFH	10-41NFH-T		15-63NFB	15-61NFB
	15,000	1/8" NPT	—	15F-11NFA	15F-12NFA	15F-13NFA	15F-14NFA	15F-15NFA	15F-12NFAR	15-22NFA	15-23NFA	15-24NFA			15-7NMA	15-21NFA	15-21NFA-B	15-21NFA-C	15-51NFA	15-41NFA	15-41NFA-T	15-61NMA	15-63NFC*	15-61NFC*
		1/4" NPT	—	15F-11NFB	15F-12NFB	15F-13NFB	15F-14NFB	15F-15NFB	15F-12NFBR	15-22NFB	15-23NFB	15-24NFB			15-7NMB	15-21NFB	15-21NFB-B	15-21NFB-C	15-51NFB	15-41NFB	15-41NFB-T	15-61NMB	15-63NFD	15-61NFD
		3/8" NPT	—	15F-11NFC	15F-12NFC	15F-13NFC	15F-14NFC	15F-15NFC	15F-12NFCR	15-22NFC	15-23NFC	15-24NFC			15-7NMC	15-21NFC	15-21NFC-B	15-21NFC-C	15-51NFC	15-41NFC	15-41NFC-T	15-61NMC	10-63NFF*	10-61NFF*
		1/2" NPT	—	15F-11NFD	15F-12NFD	15F-13NFD	15F-14NFD	15F-15NFD	15F-12NFDR	15-22NFD	15-23NFD	15-24NFD			15-7NMD	15-21NFD	15-21NFD-B	15-21NFD-C	15-51NFD	15-41NFD	15-41NFD-T	15-61NMD	10-63NFH*	10-61NFH
Medium Pressure Valves	10,000	3/4"	33/64"	10-11LF12	10-12LF12	10-13LF12	10-14LF12	10-15LF12	10-12LF12R															
		1"	1"	10-11LF16	10-12LF16	10-13LF16	10-14LF16	10-15LF16	10-12LF16R											10-41LF16	10-41LF16-T			
	20,000	1/4"	7/64"	20-11LF4	20-12LF4	20-13LF4	20-14LF4	20-15LF4	20-12LF4R	20-22LF4	20-23LF4	20-24LF4	20-2LM4	20-2L4	20-7LM4	20-21LF4-U	20-21LF4-B	20-21LF4-C	20-51LF4	20-41LF4	20-41LF4-T	20-61LM4		
		3/8"	13/64"	20-11LF6	20-12LF6	20-13LF6	20-14LF6	20-15LF6	20-12LF6R	20-22LF6	20-23LF6	20-24LF6	20-2LM6	20-2L6	20-7LM6	20-21LF6-U	20-21LF6-B	20-21LF6-C	20-51LF6	20-41LF6	20-41LF6-T	20-61LM6		
		9/16"	5/16"	20-11LF9	20-12LF9	20-13LF9	20-14LF9	20-15LF9	20-12LF9R	20-22LF9	20-23LF9	20-24LF9	20-2LM9	20-2L9	20-7LM9	20-21LF9-U	20-21LF9-B	20-21LF9-C	20-51LF9	20-41LF9	20-41LF9-T	20-61LM9		
		3/4"	3/8"	20-11LF12	20-12LF12	20-13LF12	20-14LF12	20-15LF12	20-12LF12R	20-22LF12	20-23LF12	20-24LF12	20-2LM12	20-2L12	20-7LM12	20-21LF12-U	20-21LF12-B	20-21LF12-C		20-41LF12	20-41LF12-T	20-61LM12		
		1"	5/8"	20-11LF16	20-12LF16	20-13LF16	20-14LF16	20-15LF16	20-12LF16R	20-22LF16	20-23LF16	20-24LF16	20-2LM16	20-2L16	20-7LM16	20-21LF16-U	20-21LF16-B	20-21LF16-C		20-41LF16	20-41LF16-T	20-61LM16		
High Pressure Valves	30,000	1/8"	.040"	30-11HF2	30-12HF2	30-13HF2	30-14HF2	30-15HF2	30-12HF2R												30-41HF2-T			
		1/4"	.083"	30-11HF4	30-12HF4	30-13HF4	30-14HF4	30-15HF4	30-12HF4R												30-41HF4-T			
		3/8"	1/8"	30-11HF6	30-12HF6	30-13HF6	30-14HF6	30-15HF6	30-12HF6R												30-41HF6-T			
		9/16"	3/16"	30-11HF9	30-12HF9	30-13HF9	30-14HF9	30-15HF9	30-12HF9R												30-41HF9-T			
		1"	.437"	30-11HF16	30-12HF16	30-13HF16	30-14HF16	30-15HF16	30-12HF16R	30-22HF16	30-23HF16	30-24HF16	30-2HM16	30-2H16	30-7HM16	30-21HF16-U	30-21HF16-B	30-21HF16-C		30-41HF16	30-41HF16-T	30-61HM16		
	40,000	9/16"	1/4"	40-11HF9	40-12HF9	40-13HF9	40-14HF9	40-15HF9	40-12HF9R	40-22HF9	40-23HF9	40-24HF9	40-2HF9	40-22H9	40-7HF9	40-21HF9-U	40-21HF9-B	40-21HF9-C	40F-51HF9	40-41HF9	40-41HF9-T	40-61HM9	40-63HF9	40-41HF9
	60,000	1/8"	.020"	60-11HF2	60-12HF2	60-13HF2	60-14HF2	60-15HF2	60-12HF2R	60-22HF2	60-23HF2	60-24HF2	60-2HM2	60-2H2	60-7HM2	60-21HF2-U	60-21HF2-B	60-21HF2-C	60F-51HF2	60-41HF2		60-61HM12	60-63HF2	60-61HF2
		1/4"	.083"	60-11HF4	60-12HF4	60-13HF4	60-14HF4	60-15HF4	60-12HF4R	60-22HF4	60-23HF4	60-24HF4	60-2HM4	60-2H4	60-7HM4	60-21HF4-U	60-21HF4-B	60-21HF4-C	60F-51HF4	60-41HF4	60-41HF4-T	60-61HM4	60-63HF4	60-61HF4
		3/8"	1/8"	60-11HF6	60-12HF6	60-13HF6	60-14HF6	60-15HF6	60-12HF6R	60-22HF6	60-23HF6	60-24HF6	60-2HM6	60-2H6	60-7HM6	60-21HF6-U	60-21HF6-B	60-21HF6-C	60F-51HF6	60-41HF6	60-41HF6-T	60-61HM6	60-63HF6	60-61HF6
		9/16"	3/16"	60-11HF9	60-12HF9	60-13HF9	60-14HF9	60-15HF9	60-12HF9R	60-22HF9	60-23HF9	60-24HF9	60-2HM9	60-2H9	60-7HM9	60-21HF9-U	60-21HF9-B	60-21HF9-C	60F-51HF9	60-41HF9	60-41HF9-T	60-61HM9	60-63HF9	60-61HF9
Ultra High Pressure Valves	100,000	1/4"	1/16"	100-11XF4	100-12XF4	100-13XF4	100-14XF4	100-15XF4	100-12XF4R	100-22XF4	100-23XF4	100-24XF4	100-2XM4	100-2X4	100-7XM4	100-21XF4-U	100-21XF4-B	100-21XF4-C	100-51XF4	100-41XF4		100-61XM4	100-63XF4	100-61XF4
	150,000	3/8"	1/16"	150-11XF6	150-12XF6	150-13XF6	150-14XF6	150-15XF6	150-12XF6R	150-22XF6	150-23XF6	150-24XF6	150-2XM6	150-2X6	150-7XM6	150-21XF6-U	150-21XF6-B	150-21XF6-C		150-41XF6				150-61XF6

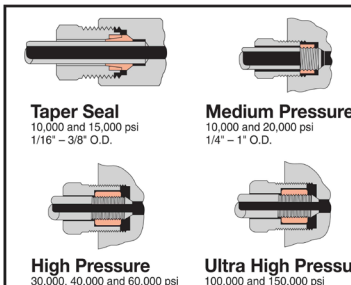
Rupture discs are available in all pressure ranges up to 65,000 psi.

TUBING

Catalog No.	Tubing Size O.D.	Tubing Size I.D.	Material	Pressure psi
15-9A1-006	1/16"	0.006"	316 SS	15,000
15-9A1-030	1/16"	0.030"		
15-9A2	1/8"	0.060"	316 SS	15,000
15-9A2-HC276	1/8"	0.060"	HC276	10,400
10-9A4-316	1/4"	1/8"	316 SS	10,000
10-9A4-304			304 SS	
10-9A6-316	3/8"	1/4"	316 SS	10,000
20-9M4-316	1/4"	0.109"	316 SS	20,000
20-9M6-316	3/8"	0.203"	316 SS	20,000
10-9M9-316	9/16"	0.359"	316 SS	10,000
20-9M9-316		0.312"		20,000
20-9M9-304			304 SS	
10-9M12-316	3/4"	0.516"	316 SS	10,000
20-9M12-316	3/4"	0.438"		20,000
10-9M16-316	1"	0.688"	316 SS	10,000
20-9M16-316	1"	0.562"		20,000
60-9H2	1/8"	0.020"	316 SS	60,000
30-9H2	1/8"	0.040"		30,000
60-9H4-316	1/4"	0.083"	316 SS	60,000
60-9H4-304			304 SS	
60-9H4-HC276	1/4"	0.083"	HC276	35,975
60-9H6-316	3/8"	1/8"	316 SS	60,000
60-9H6-304			304 SS	
60-9H9-316	9/16"	3/16"	316 SS	60,000
60-9H9-304			304 SS	
40-9H9-316	9/16"	1/4"	316 SS	40,000
40-9H9-304			304 SS	
30-9H9-316	1"	0.437"	316 SS	30,000
100-9X4-316	1/4"	1/16"	316 SS	100,000
100-9X4-304			304 SS	
150-9X6	3/8"	1/16"	304 SS	150,000

Comes in random lengths 21-24 feet long
Note: The 1/16" and 1/8" O.D. tubing sizes may be coiled for shipment. Larger sizes must be shipped in straight lengths.

CONNECTION TYPES



Taper Seal
10,000 and 15,000 psi
1/16" – 3/8" O.D.

Medium Pressure
10,000 and 20,000 psi
1/4" – 1" O.D.

High Pressure
30,000, 40,000 and 60,000 psi
1/8" – 1" O.D.

Ultra High Pressure
100,000 and 150,000 psi
1/4" – 3/8" O.D.

CONING AND THREADING TOOLS

MANUAL CONING TOOLS

Catalog No.	Spare Cutter	Spare Collet	Tubing Size O.D.	Tubing Size I.D.
2-LF4	2-LF4L	2-LF4P	1/4"	.109"
2-LF6	2-LF6L	2-LF6P	3/8"	.203"
2-LF9	2-LF9L*	2-LF9P*	9/16"	.359"
2-HF2	2-HF2L	2-HF2P	1/8"	.020"
2-HF4	2-HF4L	2-HF4P	1/4"	.083"
2-HF6	2-HF6L	2-HF6P	3/8"	1/8"
2-HF9	2-HF9L*	2-HF9P	9/16"	3/16"
2-HF9-40	2-HF9L-40	2-HF9P	9/16"	1/4"
2-XF4	2-XF4L	2-XF4P	1/4"	1/16"
2-XF6	2-XF6L	2-XF6P	3/8"	1/16"

* Not interchangeable

MANUAL THREADING TOOLS

Catalog No.	Tubing Size	Spare Threading Die	Spare Guide Bushing
2-MLF4	1/4" O.D.	1/4"-28LH	2-MLF4P
2-MLF6	3/8" O.D.	3/8"-24LH	2-MLF6P
2-MLF9	9/16" O.D.	9/16"-18LH	2-MLF9P
2-MHF2	1/8" O.D.	1/8"-40LH*	2-MHF2P*
2-MHF4	1/4" O.D.	1/4"-28LH	2-MHF4P
2-MHF6	3/8" O.D.	3/8"-24LH	2-MHF6P
2-MHF9	9/16" O.D.	9/16"-18LH	2-MHF9P
2-MXF4	1/4" O.D.	1/4"-28LH	2-MXF4P
2-MXF6	3/8" O.D.	3/8"-24LH	2-MXF6P

* Not interchangeable

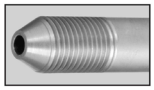
RESEATING TOOLS

Catalog No.	For Tubing Connection
RTLF4	LF4
RTLF6	LF6
RTLF9	LF9
RTHF2	HF2
RTHF4	HF4
RTHF6	HF6
RTHF9	HF9
RTXF4	XF4
RTXF6	XF6

CONED AND THREADED NIPPLES

MEDIUM PRESSURE

Length / psi	1/4" x .109"**	3/8" x .203"**	9/16" x .312"	3/4" x .516"**	3/4" x .438"**	1" x .688"**	1" x .562"**
	Tubing Size (O.D. x I.D.)						
	20,000 psi	20,000 psi	20,000 psi	10,000 psi	20,000 psi	10,000 psi	20,000 psi
2 3/4"	20-LM4-2.75						
3"		20-LM6-3					
4"			20-LM9-4	10-LM12-4			
6"	20-LM4-6	20-LM6-6	20-LM9-6	10-LM12-6	20-LM16-6	10-LM16-6	20-LM16-6
8"	20-LM4-8	20-LM6-8	20-LM9-8	10-LM12-8	20-LM16-8	10-LM16-8	20-LM16-8
10"	20-LM4-10	20-LM6-10	20-LM9-10	10-LM12-10	20-LM16-10	10-LM16-10	20-LM16-10
12"	20-LM4-12	20-LM6-12	20-LM9-12	10-LM12-12	20-LM16-12	10-LM16-12	20-LM16-12



Specify 316 SS or 304 SS when ordering.
* Also used for 30,000 psi series.
** 316 SS only.

HIGH PRESSURE

Length / psi	1/8" x 0.020"**	1/8" x 0.040"**	1/4" x 0.083"*	3/8" x 1/8"*	9/16" x 1/4"*	9/16" x 3/16"*	1" x 0.437"**
	Tubing Size (O.D. x I.D.)						
	60,000 psi	30,000 psi	60,000 psi	60,000 psi	40,000 psi	60,000 psi	30,000 psi
2"	60-HM2-2	30-HM2-2					
2 3/4"			60-HM4-2.75				
3"	60-HM2-3	30-HM2-3	60-HM4-3	60-HM6-3			
4"	60-HM2-4	30-HM2-4	60-HM4-4		40-HM9-4	60-HM9-4	
6"	60-HM2-6	30-HM2-6	60-HM4-6	60-HM6-6	40-HM9-6	60-HM9-6	
8"			60-HM4-8	60-HM6-8	40-HM9-8	60-HM9-8	30-HM16-8
9"	60-HM2-9	30-HM2-9					30-HM16-9
10"			60-HM4-10	60-HM6-10	40-HM9-10	60-HM9-10	30-HM16-10
12"	60-HM2-12	30-HM2-12	60-HM4-12	60-HM6-12	40-HM9-12	60-HM9-12	30-HM16-12

ULTRA HIGH PRESSURE

Length / psi	1/4" x 1/16" (316 SS or 304 SS)	3/8" x 1/16" (304 SS)
	Tubing Size (O.D. x I.D.)	
	100,000 psi	150,000 psi
2 3/4"	100-XM4-2.75	
4"		150-XM6-4
6"	100-XM4-6	150-XM6-6
8"	100-XM4-8	150-XM6-8
10"	100-XM4-10	150-XM6-10
12"	100-XM4-12	150-XM6-12

ADAPTERS - FEMALE TO MALE

ADAPTERS		Taper Seal 1/16"	Taper Seal 1/8"	Taper Seal 1/4"	Taper Seal 3/8"	Medium Pressure 1/4"	Medium Pressure 3/8"	Medium Pressure 9/16"	Medium Pressure 3/4"	Medium Pressure 1"	High Pressure 1/8"	High Pressure 1/4"	High Pressure 3/8"	High Pressure 9/16"	High Pressure 1"	NPT Pipe 1/8"	NPT Pipe 1/4"	NPT Pipe 3/8"	NPT Pipe 1/2"	NPT Pipe 3/4"	NPT Pipe 1"
	MALE END →	AM1	AM2	AM4	AM6	LM4	LM6	LM9	LM12	LM16	HM2	HM4	HM6	HM9	HM16	NMA	NMB	NMC	NMD	NMF	NMH
	FEMALE END ↓																				
Taper Seal	1/16" AF1	15-21AF1AM1	15-21AF1AM2	10-21AF1AM4	10-21AF1AM6	15-21AF1LM4	15-21AF1LM6	15-21AF1LM9	15-21AF1LM12	15-21AF1LM16	15-21AF1HM2	15-21AF1HM4	15-21AF1HM6	15-21AF1HM9	15-21AF1HM16	15-21AF1NMA	15-21AF1NMB	15-21AF1NMC	15-21AF1NMD	10-21AF1NMF	10-21AF1NMH
	1/8" AF2	15-21AF2AM1	15-21AF2AM2	10-21AF2AM4	10-21AF2AM6	15-21AF2LM4	15-21AF2LM6	15-21AF2LM9	15-21AF2LM12	15-21AF2LM16	15-21AF2HM2	15-21AF2HM4	15-21AF2HM6	15-21AF2HM9	15-21AF2HM16	15-21AF2NMA	15-21AF2NMB	15-21AF2NMC	15-21AF2NMD	10-21AF2NMF	10-21AF2NMH
	1/4" AF4	10-21AF4AM1	10-21AF4AM2	10-21AF4AM4	10-21AF4AM6	10-21AF4LM4	10-21AF4LM6	10-21AF4LM9	10-21AF4LM12	10-21AF4LM16	10-21AF4HM2	10-21AF4HM4	10-21AF4HM6	10-21AF4HM9	10-21AF4HM16	10-21AF4NMA	10-21AF4NMB	10-21AF4NMC	10-21AF4NMD	10-21AF4NMF	10-21AF4NMH
	3/8" AF6	10-21AF6AM1	10-21AF6AM2	10-21AF6AM4	10-21AF6AM6	10-21AF6LM4	10-21AF6LM6	10-21AF6LM9	10-21AF6LM12	10-21AF6LM16	10-21AF6HM2	10-21AF6HM4	10-21AF6HM6	10-21AF6HM9	10-21AF6HM16	10-21AF6NMA	10-21AF6NMB	10-21AF6NMC	10-21AF6NMD	10-21AF6NMF	10-21AF6NMH
	1/4" LF4	15-21LF4AM1	15-21LF4AM2	10-21LF4AM4	10-21LF4AM6	15-21LF4LM4	15-21LF4LM6	15-21LF4LM9	15-21LF4LM12	15-21LF4LM16	15-21LF4HM2	15-21LF4HM4	15-21LF4HM6	15-21LF4HM9	15-21LF4HM16	15-21LF4NMA	15-21LF4NMB	15-21LF4NMC	15-21LF4NMD	10-21LF4NMF	10-21LF4NMH
	3/8" LF6	15-21LF6AM1	15-21LF6AM2	15-21LF6AM4	10-21LF6AM6	15-21LF6LM4	10-21LF6LM6	15-21LF6LM9	10-21LF6LM12	10-21LF6LM16	10-21LF6HM2	10-21LF6HM4	10-21LF6HM6	10-21LF6HM9	10-21LF6HM16	10-21LF6NMA	10-21LF6NMB	10-21LF6NMC	10-21LF6NMD	10-21LF6NMF	10-21LF6NMH
	9/16" LF9	15-21LF9AM1	15-21LF9AM2	15-21LF9AM4	10-21LF9AM6	20-21LF9LM4	20-21LF9LM6	20-21LF9LM9	20-21LF9LM12	20-21LF9LM16	20-21LF9HM2	20-21LF9HM4	20-21LF9HM6	20-21LF9HM9	20-21LF9HM16	20-21LF9NMA	20-21LF9NMB	20-21LF9NMC	20-21LF9NMD	10-21LF9NMF	10-21LF9NMH
	3/4" LF12	15-21LF12AM1	15-21LF12AM2	10-21LF12AM4	10-21LF12AM6	20-21LF12LM4	20-21LF12LM6	20-21LF12LM9	20-21LF12LM12	20-21LF12LM16	20-21LF12HM2	20-21LF12HM4	20-21LF12HM6	20-21LF12HM9	20-21LF12HM16	20-21LF12NMA	20-21LF12NMB	20-21LF12NMC	20-21LF12NMD	10-21LF12NMF	10-21LF12NMH
	1" LF16	15-21LF16AM1	15-21LF16AM2	15-21LF16AM4	15-21LF16AM6	20-21LF16LM4	20-21LF16LM6	20-21LF16LM9	20-21LF16LM12	20-21LF16LM16	20-21LF16HM2	20-21LF16HM4	20-21LF16HM6	20-21LF16HM9	20-21LF16HM16	20-21LF16NMA	20-21LF16NMB	20-21LF16NMC	20-21LF16NMD	10-21LF16NMF	10-21LF16NMH
High Pressure	1/8" HF2	15-21HF2AM1	15-21HF2AM2	10-21HF2AM4	10-21HF2AM6	20-21HF2LM4	20-21HF2LM6	20-21HF2LM9	20-21HF2LM12	20-21HF2LM16	20-21HF2HM2	20-21HF2HM4	20-21HF2HM6	20-21HF2HM9	20-21HF2HM16	20-21HF2NMA	20-21HF2NMB	20-21HF2NMC	20-21HF2NMD	10-21HF2NMF	10-21HF2NMH
	1/4" HF4	15-21HF4AM1	15-21HF4AM2	10-21HF4AM4	10-21HF4AM6	20-21HF4LM4	20-21HF4LM6	20-21HF4LM9	20-21HF4LM12	20-21HF4LM16	60-21HF4HM2	60-21HF4HM4	60-21HF4HM6	60-21HF4HM9	60-21HF4HM16	20-21HF4NMA	30-21HF4NMB	30-21HF4NMC	30-21HF4NMD	10-21HF4NMF	10-21HF4NMH
	3/8" HF6	15-21HF6AM1	15-21HF6AM2	10-21HF6AM4	10-21HF6AM6	20-21HF6LM4	20-21HF6LM6	20-21HF6LM9	20-21HF6LM12	20-21HF6LM16	20-21HF6HM2	20-21HF6HM4	20-21HF6HM6	20-21HF6HM9	20-21HF6HM16	20-21HF6NMA	30-21HF6NMB	30-21HF6NMC	30-21HF6NMD	10-21HF6NMF	10-21HF6NMH
	9/16" HF9	15-21HF9AM1	15-21HF9AM2	10-21HF9AM4	10-21HF9AM6	20-21HF9LM4	20-21HF9LM6	20-21HF9LM9	20-21HF9LM12	20-21HF9LM16	20-21HF9HM2	20-21HF9HM4	20-21HF9HM6	20-21HF9HM9	20-21HF9HM16	20-21HF9NMA	20-21HF9NMB	20-21HF9NMC	20-21HF9NMD	10-21HF9NMF	10-21HF9NMH
	1" HF16	15-21HF16AM1	15-21HF16AM2	10-21HF16AM4	10-21HF16AM6	20-21HF16LM4	20-21HF16LM6	20-21HF16LM9	20-21HF16LM12	20-21HF16LM16	30-21HF16HM2	30-21HF16HM4	30-21HF16HM6	30-21HF16HM9	30-21HF16HM16	30-21HF16NMA	30-21HF16NMB	30-21HF16NMC	30-21HF16NMD	10-21HF16NMF	10-21HF16NMH
NPT Pipe	1/8" NFA	15-21NFAAM1	15-21NFAAM2	10-21NFAAM4	10-21NFAAM6	20-21NFALM4	20-21NFALM6	20-21NFALM9	20-21NFALM12	20-21NFALM16	30-21NFAHM2	30-21NFAHM4	30-21NFAHM6	30-21NFAHM9	30-21NFAHM16	15-21NFANMA	15-21NFANMB	15-21NFANMC	15-21NFANMD	10-21NFANMF	10-21NFANMH
	1/4" NFB	15-21NFBAM1	15-21NFBAM2	10-21NFBAM4	10-21NFBAM6	20-21NFBLM4	20-21NFBLM6	20-21NFBLM9	20-21NFBLM12	20-21NFBLM16	30-21NFBHM2	30-21NFBHM4	30-21NFBHM6	30-21NFBHM9	30-21NFBHM16	15-21NFBNMA	15-21NFBNMB	15-21NFBNMC	15-21NFBNMD	10-21NFBNMF	10-21NFBNMH
	3/8" NFC	15-21NFCAM1	15-21NFCAM2	10-21NFCAM4	10-21NFCAM6	20-21NFCLM4	20-21NFCLM6	20-21NFCLM9	20-21NFCLM12	20-21NFCLM16	30-21NFCHM2	30-21NFCHM4	30-21NFCHM6	30-21NFCHM9	30-21NFCHM16	15-21NFCNMA	15-21NFCNMB	15-21NFCNMC	15-21NFCNMD	10-21NFCNMF	10-21NFCNMH
	1/2" NFD	15-21NFDAM1	15-21NFDAM2	10-21NFDAM4	10-21NFDAM6	20-21NFDLM4	20-21NFDLM6	20-21NFDLM9	20-21NFDLM12	20-21NFDLM16	30-21NFDHM2	30-21NFDHM4	30-21NFDHM6	30-21NFDHM9	30-21NFDHM16	15-21NFDNMA	15-21NFDNMB	15-21NFDNMC	15-21NFDNMD	10-21NFDNMF	10-21NFDNMH
	3/4" NFF	15-21NFFAM1	15-21NFFAM2	10-21NFFAM4	10-21NFFAM6	20-21NFFLM4	20-21NFFLM6	20-21NFFLM9	20-21NFFLM12	20-21NFFLM16	30-21NFFHM2	30-21NFFHM4	30-21NFFHM6	30-21NFFHM9	30-21NFFHM16	15-21NFFNMA	15-21NFFNMB	15-21NFFNMC	15-21NFFNMD	10-21NFFNMF	10-21NFFNMH
	1" NFH	10-21NFHAM1	10-21NFHAM2	10-21NFHAM4	10-21NFHAM6	10-21NFHLM4	10-21NFHLM6	10-21NFHLM9	10-21NFHLM12	10-21NFHLM16	10-21NFHHM2	10-21NFHHM4	10-21NFHHM6	10-21NFHHM9	10-21NFHHM16	10-21NFHNMA	10-21NFHNMB	10-21NFHNMC	10-21NFHNMD	10-21NFHNMF	10-21NFHNMH

COUPLINGS - MALE TO MALE

ADAPTERS		Taper Seal 1/16"	Taper Seal 1/8"	Taper Seal 1/4"	Taper Seal 3/8"	Medium Pressure 1/4"	Medium Pressure 3/8"	Medium Pressure 9/16"	Medium Pressure 3/4"	Medium Pressure 1"	High Pressure 1/8"	High Pressure 1/4"	High Pressure 3/8"	High Pressure 9/16"	High Pressure 1"	NPT Pipe 1/8"	NPT Pipe 1/4"	NPT Pipe 3/8"	NPT Pipe 1/2"	NPT Pipe 3/4"	NPT Pipe 1"
	MALE END →	AM1	AM2	AM4	AM6	LM4	LM6	LM9	LM12	LM16	HM2	HM4	HM6	HM9	HM16	NMA	NMB	NMC	NMD	NMF	NMH
	MALE END ↓																				
Taper Seal	1/16" AM1	15-21AM1AM1	15-21AM1AM2	10-21AM1AM4	10-21AM1AM6	15-21AM1LM4	15-21AM1LM6	15-21AM1LM9	15-21AM1LM12	15-21AM1LM16	15-21AM1HM2	15-21AM1HM4	15-21AM1HM6	15-21AM1HM9	15-21AM1HM16	15-21AM1NMA	15-21AM1NMB	15-21AM1NMC	15-21AM1NMD	15-21AM1NMF	15-21AM1NMH
	1/8" AM2	15-21AM2AM1	15-21AM2AM2	10-21AM2AM4	10-21AM2AM6	15-21AM2LM4	15-21AM2LM6	15-21AM2LM9	15-21AM2LM12	15-21AM2LM16	15-21AM2HM2	15-21AM2HM4	15-21AM2HM6	15-21AM2HM9	15-21AM2HM16	15-21AM2NMA	15-21AM2NMB	15-21AM2NMC	15-21AM2NMD	15-21AM2NMF	15-21AM2NMH
	1/4" AM4	10-21AM4AM1	10-21AM2AM4	10-21AM4AM4	10-21AM4AM6	10-21AM4LM4	10-21AM4LM6	10-21AM4LM9	10-21AM4LM12	10-21AM4LM16	10-21AM4HM2	10-21AM4HM4	10-21AM4HM6	10-21AM4HM9	10-21AM4HM16	10-21AM4NMA	10-21AM4NMB	10