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Pipe Thread Hydraulic Hose Adapters

	(M)NPT Thread	(M)NPT Thread	Max. Working Pressure @ 70°F	Mfr. Model	Item No.
	1/8"-27	—	10,000 psi	2082-2S	2F441
	1/4"-18	—	9,500 psi	2082-4S	2F443
	3/8"-18	—	8,000 psi	2082-6S	2F445
	1/2"-14	—	6,000 psi	2082-8S	2F447
	3/4"-14	—	5,000 psi	2082-12S	4HL72
	1-11-1/2	—	4,000 psi	2082-16S	4HL73

	(M)NPT Thread	(M)NPT Thread	Max. Working Pressure @ 70°F	Mfr. Model	Item No.
	1/4"-18	—	9,500 psi	2222-4s	4VTK4
	3/8"-18	—	8,000 psi	2222-6s	4VTK5
	1/2"-14	—	6,000 psi	2222-8s	4VTK6
	3/4"-14	—	5,000 psi	2222-12S	4VTK7

	(M)NPT Thread	(M)NPT Thread	Max. Working Pressure @ 70°F	Mfr. Model	Item No.
	1/4"-18	—	9,500 psi	2083-4-4S	2F453
	1/8"-27	3/8"-18	10,000 psi	2083-6-2S	4VTJ3
	1/4"-18	3/8"-18	8,000 psi	2083-4-4S	2F455
	3/8"-18	1/2"-14	8,000 psi	2083-6-6S	2F457
	1/2"-14	1/2"-14	6,000 psi	2083-8-4S	4VTJ4
	1/2"-14	3/8"-18	6,000 psi	2083-8-6S	4VTJ5
	1/2"-14	1/2"-14	6,000 psi	2083-8-8S	2F459
	1/4"-18	3/4"-14	5,000 psi	2083-12-4S	4VTJ1
	1/2"-14	3/4"-14	5,000 psi	2083-12-8S	4VTJ2
	3/4"-14	3/4"-14	5,000 psi	2083-12-12S	2F449
	1-11-1/2	3/4"-14	4,000 psi	2083-16-12S	4VTJ6
	1-11-1/2	1-11-1/2	4,000 psi	2083-16-16S	2F451
1-1/2-11-1/2	1-1/2-11-1/2	3,000 psi	2083-20-20S	4HL74	

	(M)NPT Thread	(F)NPT Thread	Max. Working Pressure @ 70°F	Mfr. Model	Item No.
	1/4"-18	1/4"-18	9,500 psi	2085-4-4S	4VTJ7
	3/8"-18	—	8,000 psi	2085-6-6S	4VTJ8
	1/2"-14	1/2"-14	6,000 psi	2085-8-8S	4VTJ9
	3/4"-14	3/4"-14	5,000 psi	2085-12-12S	4VTJ1
	1-11-1/2	1-11-1/2	4,000 psi	2085-16-16S	4VTK2
	1-1/2-11-1/2	1-1/2-11-1/2	3,000 psi	2085-20-20S	4VTK3

	(F)NPT Thread	(F)NPT Thread	Max. Working Pressure @ 70°F	Mfr. Model	Item No.
	1/4"-18	1/4"-18	4,500 psi	2046-4-4S	2F383
	3/8"-18	3/8"-18	3,500 psi	2046-6-6S	2F385
	1/2"-14	1/2"-14	3,500 psi	2046-8-8S	2F387
	3/4"-14	3/4"-14	3,000 psi	2046-12-12S	2F379
	1-11-1/2	1-11-1/2	2,500 psi	2046-16-16S	2F381

	(M)NPT Thread	(F)NPSM Thread	Max. Working Pressure @ 70°F	Mfr. Model	Item No.
	1/8"-27	1/8"-27	6,000 psi	2045-2-2S	2F369
	1/4"-18	1/4"-18	5,000 psi	2045-4-4S	2F373
	3/8"-18	3/8"-18	4,000 psi	2045-6-6S	2F375
	1/2"-14	1/2"-14	3,500 psi	2045-8-8S	2F377
	3/4"-14	3/4"-14	3,500 psi	2045-12-12S	2F365
	1-11-1/2	1-11-1/2	3,000 psi	2045-16-16S	2F367
	1-1/2-11-1/2	1-1/2-11-1/2	2,000 psi	2045-20-20S	4VRC8
	1-1/2-11-1/2	1-1/2-11-1/2	1,500 psi	2045-24-24S	4VRC9
	2-11-1/2	2-11-1/2	1,500 psi	2045-32-32S	4VRD1

	(M)NPT Thread	(F)NPSM Thread	Max. Working Pressure @ 70°F	Mfr. Model	Item No.
	1/8"-27	1/8"-27	6,000 psi	2049-2-2S	4VRA8
	1/4"-18	1/4"-18	5,000 psi	2049-4-4S	4VRA9
	3/8"-18	3/8"-18	4,000 psi	2049-6-6S	4VRC1
	1/2"-14	1/2"-14	3,500 psi	2049-8-8S	4VRC2
	3/4"-14	3/4"-14	3,500 psi	2049-12-12S	4VRC3
	1-11-1/2	1-11-1/2	3,000 psi	2049-16-16S	4VRC4

	(M)NPT Thread	(F)NPSM Thread	Max. Working Pressure @ 70°F	Mfr. Model	Item No.
	1/4"-18	1/4"-18	5,000 psi	2047-4-4S	2F393
	3/8"-18	3/8"-18	4,000 psi	2047-6-6S	2F395
	1/2"-14	1/2"-14	3,500 psi	2047-8-8S	2F397
	3/4"-14	3/4"-14	3,500 psi	2047-12-12S	2F399
	1-11-1/2	1-11-1/2	3,000 psi	2047-16-16S	4VRC5
	1-1/2-11-1/2	1-1/2-11-1/2	2,000 psi	2047-20-20S	4VRC6
	1-1/2-11-1/2	1-1/2-11-1/2	1,500 psi	2047-24-24S	4VRC7

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High-Pressure Hydraulic Fittings

Max. pressure: 10,000 psi Steel fittings are designed for high-force hydraulic tools. Static hydraulic only (nonimpulse).

Description	(M)NPT (in.)	(M)NPT (in.)	(F)NPT (in.)	Brand	Mfr. Model	Item No.
Adapter, Reusable (F)NPT to (M)NPT	1.75	3/8-18	1/4-18	Enerpac	FZ1055	46C615
Adapter, Reusable (F)NPT to (M)NPT	1.69	1/2-14	1/4-18	Enerpac	FZ1633	46C626
Adapter, Reusable (F)NPT to (M)NPT	1.69	1/2-14	3/8-18	Enerpac	FZ1634	46C627
Coupling, Reusable (F)NPT 1.13	1.5	1/4-18	1/4-18	Enerpac	FZ1605	46C616
Coupling, Reusable (F)NPT 1.13	3/8-18	3/8-18	3/8-18	Enerpac	FZ1614	46C620
Elbow, Reusable (F)NPT 1.38	3/8-18	3/8-18	3/8-18	Enerpac	FZ1610	46C618
Hex Nipple, Reusable (M)NPT	1.5	1/4-18	1/4-18	Aeroquip	2083-6-6S	2F457
Nipple, Reusable (M)NPT	1.47	3/8-18	3/8-18	Enerpac	FZ1608	46C617
Nipple, Reusable (M)NPT	1.47	3/8-18	3/8-18	Enerpac	FZ1617	46C623
Reducer, Reusable (F)NPT 1.88	1/2-14	3/8-18	3/8-18	Enerpac	FZ1625	46C624
Reducer, Reusable (F)NPT to (M)NPT	1.13	3/8-18	1/4-18	Enerpac	FZ1615	46C621
Reducer, Reusable (M)NPT to (F)NPT	0.75	3/8-18	1/4-18	Enerpac	FZ1630	46C625
Reducer Bushing, Reusable (M)NPT to (F)NPT	.94	3/8-18	3/8-18	Aeroquip	2081-6-4S	2F435
Street Elbow, Reusable (M)NPT to (F)NPT	1.56	3/8-18	3/8-18	Enerpac	FZ1616	46C622
Swivel Fitting, Reusable (M)NPT to (F)NPT	1.56	3/8-18	3/8-18	Enerpac	FZ1660	46C628
Tea, (F)NPT	—	—	—	Aeroquip	2090-6-6S	2F477
Tea, Reusable (F)NPT	1.77	—	—	Enerpac	FZ1612	46C619

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ORS Hydraulic Hose Adapters

• O-Ring face seal

	(M)ORS Thread (in.)	L (in.)	(M)NPT Thread (in.)	Max. Working Pressure (psi)	Mfr. Model	Item No.
	3/8"-18	1.24	1/4"-18	9000	FF2031T0404S	4VRL3
	1/2"-16	1.3	1/4"-18	9000	FF2031T0604S	4VRL4
	1/2"-16	1.3	3/8"-18	8000	FF2031T0606S	4VRL5
	3/4"-16	1.36	3/8"-18	8000	FF2031T0806S	4VRL6
	1/2"-16	1.61	1/2"-14	6000	FF2031T0808S	4VRL7
	1-14	1.72	1/2"-14	6000	FF2031T1008S	4VRL8
	1-1/2-12	1.84	3/4"-14	5000	FF2031T1212S	4VRL9
	1-1/2-12	2.05	1-11-1/2	4000	FF2031T1616S	4VRN1

	(M)ORS Thread (in.)	L (in.)	(M)NPT Thread (in.)	Max. Working Pressure (psi)	Mfr. Model	Item No.
	3/8"-18	1.24	1/4"-18	9000	FF2093T0404S	4VRP1
	1/2"-16	1.4	1/4"-18	9000	FF2093T0604S	4VRP2
	1/2"-16	1.4	3/8"-18	8000	FF2093T0606S	4VRP3
	3/4"-16	1.6	3/8"-18	8000	FF2093T0806S	4VRP4
	1/2"-16	1.6	1/2"-14	6000	FF2093T0808S	4VRP5
	1-14	1.8	1/2"-14	6000	FF2093T1008S	4VRP6
	1-1/2-12	2	3/4"-14	5000	FF2093T1212S	4VRP7
	1-1/2-12	2.3	1-11-1/2	4000	FF2093T1616S	4VRP8

	(M)ORS Thread (in.)	(M)NPT Thread (in.)	L (in.)	Max. Working Pressure (psi)	Mfr. Model	Item No.
	3/8"-18	1/4"-18	0.92	9000	FF2032T0404S	4VRN2
	1/2"-16	1/4"-18	0.98	9000	FF2032T0604S	4VRN3
	1/2"-16	3/8"-18	1.04	8000	FF2032T0606S	4VRN4
	3/4"-16	3/8"-18	1.1	8000	FF2032T0806S	4VRN5
	1/2"-16	1/2"-14	1.21	6000	FF2032T0808S	4VRN6
	1-14	1/2"-14	1.31	6000	FF2032T1008S	4VRN7
	1-1/2-12	3/4"-14	1.47	5000	FF2032T1212S	4VRN8
	1-1/2-12	1-11-1/2	1.64	4000	FF2032T1616S	4VRN9

	(M)ORS Thread (in.)	(M)NPT Thread (in.)	L (in.)	Max. Working Pressure (psi)	Mfr. Model	Item No.
	3/8"-18	1/4"-18	1.24	9000	FF2031T0404S	4VRL3
	1/2"-16	1/4"-18	1.3	9000	FF2031T0604S	4VRL4
	1/2"-16	3/8"-18	1.3	8000	FF2031T0606S	4VRL5
	3/4"-16	3/8"-18	1.36	8000	FF2031T0806S	4VRL6
	1/2"-16	1/2"-14	1.61	6000	FF2031T0808S	4VRL7
	1-14	1/2"-14	1.72	6000	FF2031T1008S	4VRL8
	1-1/2-12	3/4"-14	1.84	5000	FF2031T1212S	4VRL9
	1-1/2-12	1-11-1/2	2.05	4000	FF2031T1616S	4VRN1

	(M)ORS Thread (in.)	(M)NPT Thread (in.)	L (in.)	Max. Working Pressure (psi)	Mfr. Model	Item No.
	3/8"-18	1/4"-18	1.24	9000	FF2093T0404S	4VRP1
	1/2"-16	1/4"-18	1.4	9000	FF2093T0604S	4VRP2
	1/2"-16	3/8"-18	1.4	8000	FF2093T0606S	4VRP3
	3/4"-16	3/8"-18	1.6	8000	FF2093T0806S	4VRP4
	1/2"-16	1/2"-14	1.6	6000	FF2093T0808S	4VRP5
	1-14	1/2"-14	1.8	6000	FF2093T1008S	4VRP6
	1-1/2-12	3/4"-14	2	5000	FF2093T1212S	4VRP7
	1-1/2-12	1-11-1/2	2.3	4000	FF2093T1616S	4VRP8

	(M)ORS Thread (in.)	(M)NPT Thread (in.)	L (in.)	Max. Working Pressure (psi)	Mfr. Model	Item No.
	3/8"-18	1/4"-18	0.92	9000	FF2032T0404S	4VRN2
	1/2"-16	1/4"-18	0.98	9000	FF2032T0604S	4VRN3
	1/2"-16	3/8"-18	1.04	8000	FF2032T0606S	4VRN4
	3/4"-16	3/8"-18	1.1	8000	FF2032T0806S	4VRN5
	1/2"-16	1/2"-14	1.21	6000	FF2032T0808S	4VRN6
	1-14	1/2"-14	1.31	6000	FF2032T1008S	4VRN7
	1-1/2-12	3/4"-14	1.47	5000	FF2032T1212S	4VRN8
	1-1/2-12	1-11-1/2	1.64	4000	FF2032T1616S	4VRN9

	(M)ORS Thread (in.)	L (in.)	Max. Working Pressure (psi)	Mfr. Model	Item No.
	3/8"-18	0.66	9000	FF976704S	4VRK6
	1/2"-16	0.75	9000	FF976706S	4VRK7
	3/4"-				