



HYDRAULIC HOSES



Acquiring the proper hose for the application is essential to the proper operation and safe use of the hose and related equipment. At CTP we provide high quality hose assemblies for multiple applications such as construction, agriculture, oil and gas, manufacturing, and transportation. All our hose assemblies meet SAE performance standards and provide efficient and reliable hose connection.

CONSTRUCTION



AGRICULTURE



OIL AND GAS



TRANSPORTATION



Hydraulic Hoses:

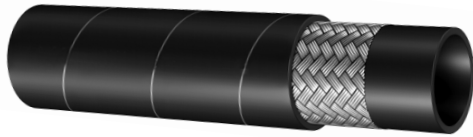
Temperature ranges between -40° and 212° F

Picture	Hose	Wire Type	Applications	Size range (in)	Pressure (PSI)
	100R1	Single Wire Braid	For use in medium pressure hydraulic applications including machine, tool and agricultural applications using petroleum or water based hydraulic fluids.	1/4 in - 2 in	3000 - 580
	100R2	Double Wire Braid	For medium pressure hydraulic oil lines used in mobile, machine tool and agricultural applications where higher temperature petroleum or water based hydraulic fluids are a factor	1/4 in - 2 in	5000 - 1200
	100R4	Textile with Helical	For low pressure, high temperature return line or suction line for petroleum, oils and water based hydraulic fluids. Vacuum rating 25 in Hg.	3/4 in - 4 in	300 - 35
	100R5	One Wire Braid with Textile Cover	Low and medium pressure lines, power steering, brake lines, turbo oil lines, tilt cab cylinders, transmission coolant and filtration lines. Compatible with petroleum based hydraulic fluids, air, water, gasoline and diesel fuel, lubricating oil and coolants.	1/4 in - 1 in	3000 - 1500
	100R12	4 Wire Braid	High pressure applications subject to surges or flexing such as oil and gas, construction equipment, mining and the high performance industrial market.	3/8 in - 1-1/2 in	4000 All sizes
	100R13	4 Layer Spiral	For very high pressure applications and high impulse hydraulic oil, vegetable oil, poly glycol oil. For construction equipment, mining and the high-performance industrial market.	3/4 in - 1-1/2 in	600 - 4500
	100R15	6 Layer Spiral	Designed to handle severe high pressure hydraulic oils and mineral oils. Perfect for applications where pressure spikes or constant hydrostatic loads are present.	3/4 in - 2 in	6000 - 3600

* Other part no. not included in the list are available. Please contact your sales representative if you have any questions. Part Numbers are used for reference purposes only.

100R1

Single Wire Braid



Part No.	Hose Size ID		Max. Working Pressure		Min. Bend Radius	
	in.	mm.	psi	MPa	in.	mm
100R1-03	3/16	05	3625	25.0	3.5	89
100R1-04	1/4	06	3270	22.5	4.0	102
100R1-05	5/16	08	3120	21.5	4.5	114
100R1-06	3/8	10	2615	18.0	5.0	127
100R1-08	1/2	12	2320	16.0	7.0	178
100R1-10	5/8	16	1890	13.0	8.0	203
100R1-12	3/4	19	1530	10.5	9.5	241
100R1-16	1	25	1280	8.8	12.0	305
100R1-20	1 1/4	31	920	6.3	16.5	419
100R1-24	1 1/2	38	730	5.0	20.0	508
100R1-32	2	51	580	4.0	25.0	635

Part No.	Hose
1167734	100R1-4
2001196	100R1-4
3N4411	100R1-4
3N4579	100R1-4
3N4622	100R1-4
3N4792	100R1-4
3N7229	100R1-4
3N7241	100R1-4
3N8098	100R1-4
3P6048	100R1-4
3P7838	100R1-4
5D5886	100R1-4
6N3879	100R1-4
6N4379	100R1-4
6N8659	100R1-4
7G7105	100R1-4
8N1702	100R1-4
8V0295	100R1-4
9F2638	100R1-4
9R6776	100R1-4
1129434	100R1-6
1406033	100R1-6
1521034	100R1-6
1521035	100R1-6
1583820	100R1-6
1660357	100R1-6
1728827	100R1-6
1946590	100R1-6
1972679	100R1-6
1995278	100R1-6
2337186	100R1-6
2352470	100R1-6
2W4332	100R1-6

Part No.	Hose
3N7155	100R1-6
3P6151	100R1-6
5C6136	100R1-6
5N2368	100R1-6
6N3876	100R1-6
6N3877	100R1-6
6N3878	100R1-6
6N4376	100R1-6
6P5159	100R1-6
6P5353	100R1-6
7N2638	100R1-6
7N3761	100R1-6
9L6958	100R1-6
1099771	100R1-8
1272248	100R1-8
2V8571	100R1-8
8N1186	100R1-8
8P7378	100R1-8
9G2653	100R1-8
1234079	100R1-10
2699761	100R1-10
1028391	100R1-12
1188062	100R1-12
1260196	100R1-12
1662791	100R1-12
3N4868	100R1-12
3N6504	100R1-12
3P2783	100R1-12
3W8560	100R1-12
6Y4056	100R1-12
6Y4059	100R1-12
7T7665	100R1-12
8N0855	100R1-12

Part No.	Hose
9C2399	100R1-12
9W6261	100R1-12
1250712	100R1-16
1440119	100R1-16
1482104	100R1-16
1746127	100R1-16
2031022	100R1-16
2031023	100R1-16
2065939	100R1-16
1N3133	100R1-16
2G4741	100R1-16
3P5934	100R1-16
3W2470	100R1-16
6T2787	100R1-16
6Y4049	100R1-16
8W4961	100R1-16
1328315	100R1-20
1504342	100R1-20
6Y4065	100R1-20
6Y4067	100R1-20
1020427	100R1-24
1255364	100R1-24
1357911	100R1-24
1360511	100R1-24
1360514	100R1-24
2108159	100R1-24
8E1290	100R1-24
8X2799	100R1-24
9W3702	100R1-24
8W4910	100R1-32

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100R2

Double Wire Braid



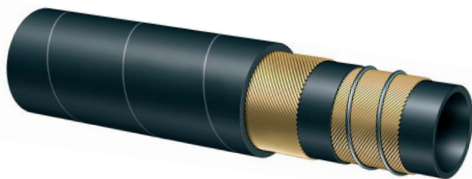
Part No.	Hose Size ID		Max. Working Pressure		Min. Bend Radius	
	in.	DIN Dash Size	psi	MPa	in.	mm
100R2-03	3/16	05	6200	41.5	3.5	89
100R2-04	1/4	06	5800	40.0	4.0	102
100R2-06	3/8	10	4800	33.1	5.0	127
100R2-08	1/2	12	4000	27.6	7.0	178
100R2-10	5/8	16	3630	25.0	8.0	203
100R2-12	3/4	19	3120	21.5	9.5	241
100R2-16	1	25	2400	16.5	12.0	305
100R2-20	1 1/4	31	1820	12.5	16.5	419
100R2-24	1 1/2	38	1310	9.0	20.0	508
100R2-32	2	51	1160	8.0	25.0	635

Part No.	Hose
0907055	100R2-4
308172	100R2-4
1010826	100R2-6
1367840	100R2-6
1469040	100R2-6

Part No.	Hose
9R9005	100R2-6
1469036	100R2-8
7K2839	100R2-8
1360513	100R2-20

100R4

Textile with Helical



Part No.	Hose Size ID		Max. Working Pressure		Min. Bend Radius	
	in.	mm.	psi	MPa	in.	mm
100R4-12	3/4	19.0	300	2.1	2.5	64
100R4-16	1	25.4	250	1.7	3.0	76
100R4-20	1 1/4	31.8	200	1.4	4.0	102
100R4-24	1 1/2	38.1	150	1.0	5.0	127
100R4-32	2	50.8	100	0.7	6.0	152
100R4-40	2 1/2	63.5	62	0.4	7.0	188
100R4-48	3	76.2	58	0.4	9.0	229
100R4-64	4	101.6	35	0.2	12	305

Part No.	Hose
1158440	100R4-16
1373360	100R4-16
6Y2549	100R4-16
3P5931	100R4-20

Part No.	Hose
6Y4063	100R4-24
1249318	100R4-32
2G4479	100R4-32
3P6141	100R4-32

Part No.	Hose
3P7170	100R4-32
6P0685	100R4-32
7D4086	100R4-32

† Please allow 3 to 5 days lead time for special orders.

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Part Numbers are used for reference purposes only.

100R5

One Wire Braid with Textile Cover



Part No.	Hose Size ID		Max. Working Pressure		Min. Bend Radius	
	in.	mm.	psi	MPa	in.	mm
100R5-04	3/16	4.8	3000	20.7	3.0	76
100R5-05	1/4	6.4	3000	20.7	3.4	86
100R5-06	5/16	7.9	2250	15.5	4.0	102
100R5-08	1 3/32	10.3	2000	13.8	4.6	117
100R5-10	1/2	12.7	1750	12.1	5.5	140
100R5-12	5/8	15.9	1500	10.3	6.5	165
100R5-16	7/8	22.2	800	5.5	7.4	187
100R5-20	1 1/8	28.6	625	4.3	9.0	229
100R5-24	1 3/8	35.0	500	3.4	10.5	267
100R5-32	1 13/16	46.0	350	2.4	13.3	337

Part No.	Hose
3L2207	100R5-4
5V1843	100R5-4
8W2664	100R5-4
9L5098	100R5-4
9N3040	100R5-4
9Y1116	100R5-4
1V8365	100R5-5
2G2477	100R5-5
3D6931	100R5-5
3D8938	100R5-5
3D8942	100R5-5

Part No.	Hose
3V0037	100R5-5
4S7528	100R5-5
4S7529	100R5-5
4S7560	100R5-5
5D7464	100R5-5
6J7926	100R5-5
6J7929	100R5-5
6K8231	100R5-5
7D4955	100R5-5
7D6096	100R5-5
3S8146	100R5-6

Part No.	Hose
4P0902	100R5-6
6N1047	100R5-6
6N3246	100R5-6
8K6633	100R5-6
8N7140	100R5-6
9L5158	100R5-6
9N1849	100R5-6
9N3041	100R5-6
1180284	100R5-8
1274976	100R5-8
2002293	100R5-8

Part No.	Hose
3D6395	100R5-8
4J8743	100R5-8
4N4935	100R5-8
4N5396	100R5-8
6N9255	100R5-8
7E6084	100R5-8
7J0664	100R5-8
9D5458	100R5-8
9W1709	100R5-8
1095760	100R5-10
1Y0683	100R5-10

Part No.	Hose
3V5598	100R5-10
4N4937	100R5-10
4W1309	100R5-10
6K6830	100R5-10
5V1846	100R5-12

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100R12

4 Wire Braid



Part No.	Hose Size ID		Max. Working Pressure		Min. Bend Radius	
	in.	mm.	psi	MPa	in.	mm
100R12-06	3/8	10	4100	28.3	2.5	65
100R12-08	1/2	12	4100	28.3	3.5	90
100R12-10	5/8	16	4100	28.3	4.0	100
100R12-12	3/4	19	4100	28.3	5.1	130
100R12-16	1	25	4100	28.3	11.8	300
100R12-20	1 1/4	31	3050	21.0	16.5	420
100R12-24	1 1/2	38	2550	17.5	19.7	500
100R12-32	2	51	2550	17.5	25.0	635

Part No.	Hose
1078142	100R12-6
1078147	100R12-6
1078150	100R12-6
1139326	100R12-6
1844457	100R12-6
6P6705	100R12-6
8W0125	100R12-6
8W4196	100R12-6
9R1183	100R12-6
9W4589	100R12-6
1078149	100R12-8
1080702	100R12-8
1201324	100R12-8
6Y3474	100R12-8
6Y3475	100R12-8
6Y5706	100R12-8
7T6931	100R12-8
7T6934	100R12-8
8W0225	100R12-8
9C1251	100R12-8
9R9198	100R12-8
9W9082	100R12-8
9W9083	100R12-8
1117746	100R12-12
1156930	100R12-12

Part No.	Hose
1188138	100R12-12
1356412	100R12-12
1356413	100R12-12
1997078	100R12-12
1997079	100R12-12
1Q1372	100R12-12
3P4836	100R12-12
4T6224	100R12-12
4V8370	100R12-12
6K1936	100R12-12
6P1090	100R12-12
7G3146	100R12-12
7G8208	100R12-12
7K0151	100R12-12
7T3915	100R12-12
7T6483	100R12-12
7T9340	100R12-12
7T9341	100R12-12
8E1006	100R12-12
8E5660	100R12-12
8E9427	100R12-12
8E9428	100R12-12
8E9436	100R12-12
8J7734	100R12-12
8K7225	100R12-12

Part No.	Hose
8K7228	100R12-12
8P1248	100R12-12
8W2622	100R12-12
8W2623	100R12-12
8W3183	100R12-12
9J0298	100R12-12
9S5682	100R12-12
9U8544	100R12-12
9W2019	100R12-12
9W5286	100R12-12
9W9970	100R12-12
1086981	100R12-16
1086982	100R12-16
1229964	100R12-16
1282569	100R12-16
1282570	100R12-16
1282571	100R12-16
2270218	100R12-16
2V5043	100R12-16
2V6761	100R12-16
3V6259	100R12-16
3V7272	100R12-16
5V4008	100R12-16
7K8863	100R12-16
8P3196	100R12-16

Part No.	Hose
8P4110	100R12-16
8R7728	100R12-16
8W2662	100R12-16
1051512	100R12-20
1348203	100R12-20
1747567	100R12-20
1859385	100R12-20
2091458	100R12-20
3P2886	100R12-20
3P6956	100R12-20
3P6957	100R12-20
6T4249	100R12-20
7K8862	100R12-20
8N9796	100R12-20
1357909	100R12-24
1V4835	100R12-24
3P5345	100R12-24
8S8822	100R12-24
9W3701	100R12-24
8W4907	100R12-32

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100R13

4 Layer Spiral



Part No.	Hose Size ID		Max. Working Pressure		Min. Bend Radius	
	in.	mm.	psi	MPa	in.	mm
100R13-12	3/4	19	5100	35.0	9.4	240
100R13-16	1	25	5100	35.0	11.8	300
100R13-20	1 1/4	31	5100	35.0	16.5	420
100R13-24	1 1/2	38	5100	35.0	19.7	500
100R13-32	2	51	5100	35.0	25.2	640

Part No.	Hose
411077	100R13-12
514447	100R13-12
1241037	100R13-16
0874938	100R13-16
1U2434	100R13-16

Part No.	Hose
411083	100R13-16
1538476	100R13-20
1159570	100R13-24
1354626	100R13-24
1354627	100R13-24

Part No.	Hose
1604160	100R13-24
2V9106	100R13-24

100R15

6 Layer Spiral



Part No.	Hose Size ID		Max. Working Pressure		Min. Bend Radius	
	in.	mm.	psi	MPa	in.	mm
100R15-04	3/16	4.8	3000	20.7	3.0	76
100R15-05	1/4	6.4	3000	20.7	3.4	86
100R15-06	5/16	7.9	2250	15.5	4.0	102
100R15-08	1 3/32	10.3	2000	13.8	4.6	117
100R15-10	1/2	12.7	1750	12.1	5.5	140
100R15-12	5/8	15.9	1500	10.3	6.5	165
100R15-16	7/8	22.2	800	5.5	7.4	187
100R15-20	1 1/8	28.6	625	4.3	9.0	229
100R15-24	1 3/8	35.0	500	3.4	10.5	267
100R15-32	1 13/16	46.0	350	2.4	13.3	337

Part No.	Hose
1876058	100R15-12
1926790	100R15-12
514216	100R15-12
514490	100R15-12
1158739	100R15-16
1158749	100R15-16
1158753	100R15-16

Part No.	Hose
2048075	100R15-16
2048164	100R15-16
2076282	100R15-16
2391892	100R15-16
413695	100R15-16
513088	100R15-16
6Y4058	100R15-16

Part No.	Hose
6Y4061	100R15-16
1940105	100R15-20
2026758	100R15-20
2457308	100R15-20
2777121	100R15-20
2181227	100R15-24
2236915	100R15-24

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