

hydraulic hose

CATALOGUE

ANCHOR®

hydraulic hose

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ANCHOR BRANDED PRODUCT IS MANUFACTURED FOLLOWING **HIGHEST QUALITY STANDARDS** AND PRODUCTION SPECIFICATION



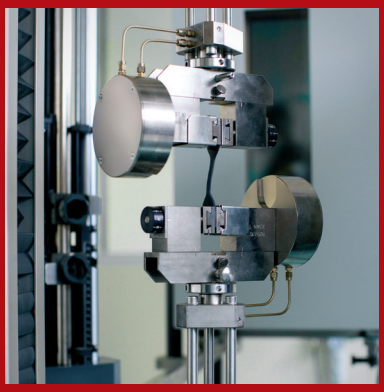


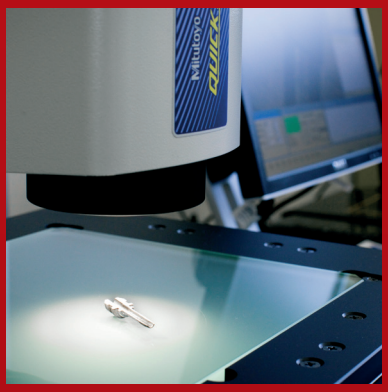

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THE ANCHOR BRAND OFFERS PERFORMANCE PRODUCTS AND SYSTEMS SOLUTIONS WITH PERSONALIZED SERVICE

Braided Hose

APPLICATION: high pressure hydraulic lines; high-pressure cleaning machines for cold and hot water.

R1 SAE 100 R1 AT



Applicable Standard

SAE J517 100 R1 AT

Liner
Oil resistant synthetic rubber

Reinforcement
One braid of high tensile steel wire

Cover
Oil and weather resistant black synthetic rubber MSHA approved

Application
Medium pressure hydraulic lines

Temperature
Hydraulics Oils: from -40ºC to 100ºC (from -40ºF to 212ºF)
Water Glycol Hydraulic Fluids:
Water:
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3663391	5	-3	3/16	4,8	12,5	0,494	207	3000	828	12000	89	3,5		
FN SAE 100 R1 AT 3/16" WP 210 bar (3000 psi) MSHA IC-XX/XXX														
3890936	6	-4	1/4	6,4	14,1	0,555	192	2785	768	11140	100	4		
EN 853 1SN 6 / SAE 100 R1 AT 1/4" WP 225 bar (3260 psi) MSHA IC-XX/XXX														
3890935	10	-6	3/8	9,5	18,1	0,712	157	2275	628	9100	125	5		
EN 853 1SN 10 / SAE 100 R1 AT 3/8" WP 180 bar (2610 psi) MSHA IC-XX/XXX														
3890934	12	-8	1/2	12,7	21,5	0,846	140	2030	560	8120	180	7		
EN 853 1SN 12 / SAE 100 R1 AT 1/2" WP 160 bar (2320 psi) MSHA IC-XX/XXX														
3890933	16	-10	5/8	15,9	24,5	0,964	105	1525	420	6100	205	8		
EN 853 1SN 16 / SAE 100 R1 AT 5/8" WP 130 bar (1885 psi) MSHA IC-XX/XXX														
3890932	19	-12	3/4	19,1	28,5	1,122	87	1260	348	5040	240	9,5		
EN 853 1SN 19 / SAE 100 R1 AT 3/4" WP 105 bar (1520 psi) MSHA IC-XX/XXX														
3890931	25	-16	1	25,4	36,6	1,440	70	1015	280	4060	300	12		
EN 853 1SN 25 / SAE 100 R1 AT 1" WP 88 bar (1275 psi) MSHA IC-XX/XXX														

This hose fits with MN couplings

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1SN EN 853 / SAE 100 R1 AT PLUS



Applicable Standard

SAE J517 100 R1 AT
EN 853 1SN

Liner
Oil resistant synthetic rubber

Reinforcement
One braid of high tensile steel wire

Cover
Oil and weather resistant black synthetic rubber MSHA approved

Application
Medium pressure and high temperature hydraulics lines

Temperature
Hydraulics Oils: from -40ºC to 135ºC (from -40ºF to 275ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 85ºC (from 32ºF to 185ºF)
Water: from 0ºC to 85ºC (from 32ºF to 185ºF)
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3201342	6	-4	1/4	6,4	14,1	0,555	192	2750	900	13054	100	4	2,1	0,14
ANCHOR	**SAE 100 R1 AT 6 Plus 1/4" +135°C WP 192 bar (2780 psi) MSHA IC-XX/XXX**													
3201343	10	-6	3/8	9,5	18,1	0,712	157	2250	720	10443	125	5	6	0,403
ANCHOR	**SAE 100 R1 AT 10 Plus 3/8" +135°C WP 157 bar (2275 psi) MSHA IC-XX/XXX**													
3201344	12	-8	1/2	12,7	21,5	0,846	140	2000	640	9283	180	7	8	0,538
ANCHOR	**SAE 100 R1 AT 12 Plus 1/2" +135°C WP 140 bar (2030 psi) MSHA IC-XX/XXX**													
3663400	16	-10	5/8	15,9	24,7	0,972	105	1500	520	7542	200	8	11	0,739
ANCHOR	**SAE 100 R1 AT 16 Plus 5/8" +135°C WP 105 bar (1520 psi) MSHA IC-XX/XXX**													
3201345	19	-12	3/4	19,1	28,6	1,125	87	1250	420	6092	240	9,5	14	0,941
ANCHOR	**SAE 100 R1 AT 19 Plus 3/4" +135°C WP 87 bar (1260 psi) MSHA IC-XX/XXX**													
3201346	25	-16	1	25,4	36,6	1,440	70	1000	350	5077	300	12	19,9	1,337
ANCHOR	**SAE 100 R1 AT 25 Plus 1" +135°C WP 70 bar (1015 psi) MSHA IC-XX/XXX**													
3198514	31	-20	1 1/4	31,8	44,8	1,763	43	625	250	3626	420	16,5	25,9	1,74
ANCHOR	**SAE 100 R1 AT 31 Plus 1 1/4" +135°C WP 43 bar (620 psi) MSHA IC-XX/XXX**													
3201348	38	-24	1 1/2	38,1	52	2,047	35	500	200	2901	500	20	29,9	2,009
ANCHOR	**SAE 100 R1 AT 38 Plus 1 1/2" +135°C WP 35 bar (505 psi) MSHA IC-XX/XXX**													
3663401	51	-32	2	50,8	65,9	2,594	26	375	160	2321	630	25	40,9	2,748
ANCHOR	**SAE 100 R1 AT 51 Plus 2" +135°C WP 26 bar (375 psi) MSHA IC-XX/XXX**													

This hose fits with MN couplings

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2SN EN 853 / SAE 100 R2 AT



Applicable Standard

SAE J517 100 R2 AT
EN 853 2SN

Liner
Oil resistant synthetic rubber

Reinforcement
Two braids of high tensile steel wire

Cover
Oil and weather resistant black synthetic rubber MSHA approved

Application
High pressure hydraulic lines

Temperature
Hydraulics Oils: from -40ºC to 100ºC (from -40ºF to 212ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 66ºC (from 32ºF to 151ºF)
Water: from 0ºC to 66ºC (from 32ºF to 151ºF)
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3239290	6	-4	1/4	6,4	15,7	0,618	400	5800	1600	23200	100	4	3,4	0,23
ANCHOR **EN 853 2SN 6 / SAE 100 R2 AT 1/4" WP 400 bar (5800 psi) MSHA IC-XX/XXX**														
3201354	10	-6	3/8	9,5	19,7	0,775	330	4800	1320	19200	125	5	6	0,403
ANCHOR **EN 853 2SN 10 / SAE 100 R2 AT 3/8" WP 330 bar (4785 psi) MSHA IC-XX/XXX**														
3201355	12	-8	1/2	12,7	22,8	0,897	275	4000	1100	16000	180	7	8	0,538
ANCHOR **EN 853 2SN 12 / SAE 100 R2 AT 1/2" WP 275 bar (3985 psi) MSHA IC-XX/XXX**														
3246812	16	-10	5/8	15,9	26,2	1,031	250	3625	1000	14500	200	8	11	0,739
ANCHOR **EN 853 2SN 16 / SAE 100 R2 AT 5/8" WP 250 bar (3625 psi) MSHA IC-XX/XXX**														
3201356	19	-12	3/4	19,1	30,2	1,188	215	3120	860	12480	240	9,5	14	0,941
ANCHOR **EN 853 2SN 19 / SAE 100 R2 AT 3/4" WP 215 bar (3115 psi) MSHA IC-XX/XXX**														
3239291	25	-16	1	25,4	38,9	1,530	165	2400	660	9600	300	12	19,9	1,337
ANCHOR **EN 853 2SN 25 / SAE 100 R2 AT 1" WP 165 bar (2390 psi) MSHA IC-XX/XXX**														
3663402	31	-20	1 1/4	31,8	49,5	1,948	125	1815	500	7260	420	16,5	25,9	1,74
ANCHOR **EN 853 2SN 31 / SAE 100 R2 AT 1 1/4" WP 125 bar (1810 psi) MSHA IC-XX/XXX**														

This hose fits with MN couplings

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2SN EN 853 / SAE 100 R2 AT "AAR" (Advanced Abrasion Resistance)



Applicable Standard

SAE J517 100 R2 AT
EN 853 2SN

Liner
Oil resistant synthetic rubber

Reinforcement
Two braids of high tensile steel wire

Cover
Oil and weather resistant black synthetic rubber MSHA approved, advanced abrasion resistance

Application
High pressure hydraulic lines

Temperature
Hydraulics Oils: from -40ºC to 100ºC (from -40ºF to 212ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 66ºC (from 32ºF to 151ºF)
Water: from 0ºC to 66ºC (from 32ºF to 151ºF)
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3663405	6	-4	1/4	6,4	15,7	0,618	400	5800	1600	23200	100	4		
ANCHOR **EN 853 2SN 6 / SAE 100 R2 AT 1/4" AAR WP 400 bar (5800 psi) MSHA IC-XX/XXX**														
3663406	10	-6	3/8	9,5	19,7	0,775	330	4800	1320	19200	125	5		
ANCHOR **EN 853 2SN 10 / SAE 100 R2 AT 3/8" AAR WP 330 bar (4785 psi) MSHA IC-XX/XXX**														

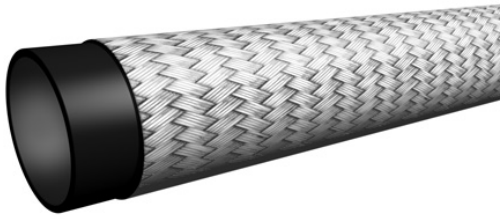
This hose fits with MN couplings

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R14 SAE 100 R14

Applicable Standard

SAE J517 100 R14



Liner

Seamless polytetrafluroethylene

Reinforcement

One braid of high tensile steel wire

Cover

Application

Medium pressure PTFE lined

Temperature

Hydraulics Oils: from -54ºC to 232ºC (from -65ºF to 450ºF)
Water Glycol Hydraulic Fluids:
Water:
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
2677278	5	-3	3/16	4,8	8,2	0,332	105	1500	689	10000	50	2		
ANCHOR N/A No cover material on this hose product														
2247696	6	-4	1/4	6,4	10,1	0,397	105	1500	620	9000	75	3		
ANCHOR N/A No cover material on this hose product														
2247697	8	-5	5/16	7,9	11,6	0,456	105	1500	552	8000	100	4		
ANCHOR N/A No cover material on this hose product														
2247698	10	-6	3/8	9,5	13,4	0,527	105	1500	483	7000	125	5		
ANCHOR N/A No cover material on this hose product														
2247699	11	-7	7/16	10,3	14,3	0,562	70	1000	414	6000	135	5,25		
ANCHOR N/A No cover material on this hose product														
2247700	12	-8	1/2	12,7	16,8	0,661	56	800	414	6000	165	6,5		
ANCHOR N/A No cover material on this hose product														
2247701	16	-10	5/8	15,9	20,1	0,791	56	800	345	5000	200	7,75		
ANCHOR N/A No cover material on this hose product														
2972798	19	-12	3/4	19,1	23,3	0,917	56	800	576	4000	230	9		
ANCHOR N/A No cover material on this hose product														
2972799	22	-14	7/8	22,2	26,9	1,059	56	800	541	3500	230	9		
ANCHOR N/A No cover material on this hose product														

This hose fits with JN couplings

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2SC EN 857 / SAE 100 R16



Applicable Standard

SAE J517 100 R16
EN 857 2SC

Liner
Oil resistant synthetic rubber

Reinforcement
Two braids of high tensile steel wire

Cover
Oil and weather resistant black synthetic rubber MSHA approved

Application
High pressure hydraulic lines

Temperature
Hydraulics Oils: from -40ºC to 121ºC (from -40ºF to 250ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 66ºC (from 32ºF to 151ºF)
Water: from 0ºC to 66ºC (from 32ºF to 151ºF)
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3890865	6	-4	1/4	6,4	14,2	0,559	400	5800	1600	23200	50	2		
ANCHOR **EN 857 2SC 6 / SAE 100 R16 1/4" WP 400 bar (5800 psi) MSHA IC-XX/XXX**														
3890864	10	-6	3/8	9,5	18	0,708	330	4800	1320	19200	65	2,5		
ANCHOR **EN 857 2SC 10 / SAE 100 R16 3/8" WP 330 bar (4785 psi) MSHA IC-XX/XXX**														
4237146	12	-8	1/2	12,7	21,2	0,834	275	4000	1100	16000	90	3,5		
ANCHOR **EN 857 2SC 12 / SAE 100 R16 1/2" WP 275 bar (3985 psi) MSHA IC-XX/XXX**														
4237145	16	-10	5/8	15,9	24,4	0,960	250	3625	1000	14500	100	4		
ANCHOR **EN 857 2SC 16 / SAE 100 R16 5/8" WP 250 bar (3625 psi) MSHA IC-XX/XXX**														
3890863	19	-12	3/4	19,1	29	1,141	215	3120	860	12480	120	4,75		
ANCHOR **EN 857 2SC 19 / SAE 100 R16 3/4" WP 215 bar (3115 psi) MSHA IC-XX/XXX**														
4237144	25	-16	1	25,4	36,6	1,440	165	2400	660	9600	150	6		
ANCHOR **EN 857 2SC 25 / SAE 100 R16 1" WP 165 bar (2390 psi) MSHA IC-XX/XXX**														

This hose fits with MN couplings

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R17 SAE 100 R17 PLUS



Applicable Standard

SAE J517 100 R17

Liner

Oil resistant synthetic rubber

Reinforcement

One or more braids of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40ºC to 100ºC (from -40ºF to 212ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 66ºC (from 32ºF to 151ºF)
Water: from 0ºC to 66ºC (from 32ºF to 151ºF)
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3339881	6	-4	1/4	6,4	#REF!	0,496	210	3000	840	12000	50	2		
ANCHOR **SAE 100 R17 6 Plus 1/4" WP 210 bar (3000 psi) MSHA IC-XX/XXX**														
3339882	10	-6	3/8	9,5	#REF!	0,641	210	3000	840	12000	65	2,5		
ANCHOR **SAE 100 R17 10 Plus 3/8" WP 210 bar (3000 psi) MSHA IC-XX/XXX**														
3339883	12	-8	1/2	12,7	#REF!	0,830	210	3000	840	12000	90	3,5		
ANCHOR **SAE 100 R17 12 Plus 1/2" WP 210 bar (3000 psi) MSHA IC-XX/XXX**														
3339885	16	-10	5/8	15,9	#REF!	1,019	210	3000	840	12000	100	4		
ANCHOR **SAE 100 R17 16 Plus 5/8" WP 210 bar (3000 psi) MSHA IC-XX/XXX**														
3339886	19	-12	3/4	19,1	#REF!	1,192	210	3000	840	12000	120	5		
ANCHOR **SAE 100 R17 19 Plus 3/4" WP 210 bar (3000 psi) MSHA IC-XX/XXX**														
3339887	25	-16	1	25,4	#REF!	1,519	210	3000	840	12000	150	6		
ANCHOR **SAE 100 R17 25 Plus 1" WP 210 bar (3000 psi) MSHA IC-XX/XXX**														

This hose fits with MN couplings

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Pilot and Control Line



Applicable Standard

Pilot and Control Line

Liner

Oil resistant synthetic rubber

Reinforcement

One braid of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40ºC to 121ºC (from -40ºF to 250ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 70ºC (from 32ºF to 158ºF)
Water: from 0ºC to 70ºC (from 32ºF to 158ºF)
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3663403	6	-4	1/4	6,4	12	0,472	103	1500	412	6000	30	1,2		
ANCHOR **WCL 6 1/4" Pilot and Control Line WP 103 bar (1500 psi) MSHA IC-XX/XXX**														
3668438	10	-6	3/8	9,5	15,3	0,602	103	1500	412	6000	50	2		
ANCHOR **WCL 10 3/8" Pilot and Control Line WP 103 bar (1500 psi) MSHA IC-XX/XXX**														
3668439	12	-8	1/2	12,7	18,5	0,728	103	1500	412	6000	60	2,4		
ANCHOR **WCL 12 1/2" Pilot and Control Line WP 103 bar (1500 psi) MSHA IC-XX/XXX**														

This hose fits with MH couplings

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R19 SAE 100 R19



Applicable Standard

SAE J517 100 R19

Liner
Oil resistant synthetic rubber

Reinforcement
One or more braids of high tensile steel wire

Cover
Oil and weather resistant black synthetic rubber MSHA approved

Application
High pressure hydraulic lines

Temperature
Hydraulics Oils: from -40ºC to 100ºC (from -40ºF to 212ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 66ºC (from 32ºF to 151ºF)
Water: from 0ºC to 66ºC (from 32ºF to 151ºF)
Air:

	DN	dash size	inch	mm	inch	mm	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3663407	6.4	4	0.250	6.4	0.559	14.2	280	4060	1120	16240	50	2		
3663408	9.5	6	0.375	9.5	0.708	18	280	4060	1120	16240	65	2.5		
3663409	12.7	8	0.500	12.7	0.834	21.2	280	4060	1120	16240	90	3.5		
4928542	19.1	12	0.750	19.1	1.122	28.5	280	4060	1120	16240	90	3.5		
5077153	25.4	16	1.000	25.4	1.44	36.5	280	4060	1120	16240	150	6		

This hose fits with MN couplings

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R19 SAE 100 R19 PLUS



Applicable Standard

Liner
Oil resistant synthetic rubber

Reinforcement
One or more braids of high tensile steel wire

Cover
Oil and weather resistant black synthetic rubber MSHA approved

Application
High pressure hydraulic lines

Temperature
Hydraulics Oils: from -40ºC to 121ºC (from -40ºF to 250ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 70ºC (from 32ºF to 158ºF)
Water: from 0ºC to 70ºC (from 32ºF to 158ºF)
Air:

	DN	dash size	inch	mm	inch	mm	bar	psi	bar	psi	mm	inch	g/m	lb/ft
4475105	15.9	10	0.625	15.9	1.003	26	280	4060	1120	16240	50	2		
6565796	19.1	12	0.750	19.1	1.440	37	280	4060	1120	16240	150	6		
6565797	25.4	16	1.000	25.4	1.122	29	280	4060	1120	16240	90	3.5		

This hose fits with BN couplings

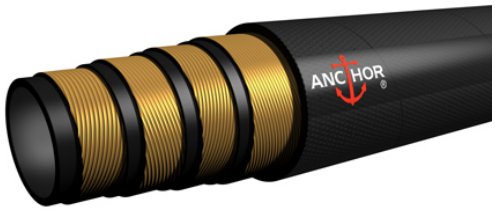
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notes note

Spiral Hose

APPLICATION: high pressure hydraulic lines; high pressure water jet machines.

R12 SAE 100 R12 PLUS



Applicable Standard

SAE J517 100 R12

Liner

Oil resistant synthetic rubber

Reinforcement

Four spirals of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

High pressure hydraulic lines

Temperature

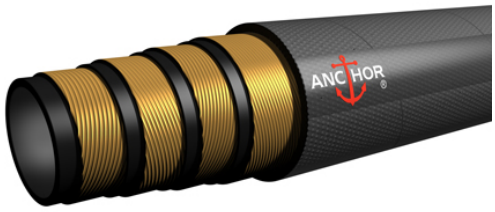
Hydraulics Oils: from -40ºC to 121ºC (from -40ºF to 250ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 93ºC (from 32ºF to 199ºF)
Water: from 0ºC to 93ºC (from 32ºF to 199ºF)
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3262149	10	-6	3/8	9,5	21	0,827	280	4000	1120	16000	64	2,5		
ANCHOR **6HPSA 3/8" I.D. (9.5 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA 2G-IC-11C/11**														
3262150	12	-8	1/2	12,7	24,6	0,969	280	4000	1120	16000	89	3,5		
ANCHOR **8HPSA 1/2" I.D. (12.7 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA 2G-IC-11C/11**														
3262151	16	-10	5/8	15,9	28,2	1,110	280	4000	1120	16000	102	4		
ANCHOR **10HPSA 5/8" I.D. (15.9 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA 2G-IC-11C/11**														
3262152	19	-12	3/4	19,1	31,5	1,240	280	4000	1120	16000	121	4,75		
ANCHOR **12HPSA 3/4" I.D. (19.1 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA 2G-IC-11C/11**														
3262153	25	-16	1	25,4	39,2	1,543	280	4000	1120	16000	153	6		
ANCHOR **16HPSA 1" I.D. (25.4 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA 2G-IC-11C/11**														
3262154	31	-20	1 1/4	31,8	48,6	1,913	210	3000	840	12000	210	8,25		
ANCHOR **20HPSA 1-1/4" I.D. (31.8 mm) 3000 PSI WP (207 BAR) SAE 100R12 MSHA 2G-IC-11C/11**														
3262155	38	-24	1 1/2	38,1	55	2,165	175	2500	700	10000	254	10		
ANCHOR **24HPSA 1-1/2" I.D. (38.1 mm) 2500 PSI WP (172 BAR) SAE 100R12 MSHA 2G-IC-11C/11**														
3262156	51	-32	2	50,8	68,3	2,689	175	2500	700	10000	318	12,5		
ANCHOR **32HPSA 2" I.D. (50.8 mm) 2500 PSI WP (172 BAR) SAE 100R12 MSHA 2G-IC-11C/11**														

This hose fits with R12 couplings

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R12 SAE 100 R12 MSHA "AAR" (Advanced Abrasion Resistance)



Applicable Standard

SAE J517 100 R12

Liner

Oil resistant synthetic rubber

Reinforcement

Four spirals of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved, advanced abrasion resistance

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40ºC to 121ºC (from -40ºF to 250ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 93ºC (from 32ºF to 199ºF)
Water: from 0ºC to 93ºC (from 32ºF to 199ºF)
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3262184	10	-6	3/8	9,5	21	0,827	280	4000	1120	16000	64	2,5		
ANCHOR **6HPSAAR 3/8" I.D. (9.5 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA IC-101/14**														
3262185	12	-8	1/2	12,7	24,6	0,969	280	4000	1120	16000	89	3,5		
ANCHOR **8HPSAAR 1/2" I.D. (12.7 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA IC-101/14**														
3262186	16	-10	5/8	15,9	28,2	1,110	280	4000	1120	16000	102	4		
ANCHOR **10HPSAAR 5/8" I.D. (15.9 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA IC-101/14**														
3262187	19	-12	3/4	19,1	31,5	1,240	280	4000	1120	16000	121	4,75		
ANCHOR **12HPSAAR 3/4" I.D. (19.1 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA IC-101/14**														
3262188	25	-16	1	25,4	39,2	1,543	280	4000	1120	16000	153	6		
ANCHOR **16HPSAAR 1" I.D. (25.4 mm) 4000 PSI WP (275 BAR) SAE 100R12 MSHA IC-101/14**														

This hose fits with R12 couplings

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R13 SAE 100 R13 PLUS



Applicable Standard

SAE J517 100 R13

Liner
Oil resistant synthetic rubber

Reinforcement
Four or six spirals of high tensile steel wire

Cover
Oil and weather resistant black synthetic rubber MSHA approved

Application
High pressure hydraulic lines

Temperature
Hydraulics Oils: from -40ºC to 121ºC (from -40ºF to 250ºF)
Water Glycol Hydraulic Fluids:
Water:
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3262157	19	-12	3/4	19,1	33,3	1,311	345	5000	1380	20000	120	4,75	15,9	1,07
ANCHOR **12R13HP 3/4" I.D. (19.1 mm) 5000 PSI WP (34\5 BAR) SAE 100R13 MSHA 2G-IC-11C/11**														
3262158	25	-16	1	25,4	39,8	1,567	345	5000	1380	20000	157	6	22	1,48
ANCHOR **16R13HP 1" I.D. (25.4 mm) 5000 PSI WP (345 BAR) SAE 100R13 MSHA 2G-IC-11C/11**														
3262159	31	-20	1 1/4	31,8	51,3	2,020	345	5000	1380	20000	210	8,25	40,6	2,73
ANCHOR **20R13HP 1-1/4" I.D. (31.8 mm) 5000 PSI WP (345 BAR) SAE 100R13 MSHA 2G-IC-11C/11**														
3262160	38	-24	1 1/2	38,1	58,8	2,315	345	5000	1380	20000	255	10	52,8	3,55
ANCHOR **24R13HP 1-1/2" I.D. (38.1 mm) 5000 PSI WP (345 BAR) SAE 100R13 MSHA 2G-IC-11C/11**														
3262161	51	-32	2	50,8	72,7	2,862	345	5000	1380	20000	635	25	79,5	5,34
ANCHOR **32R13HP 2" I.D. (50.8 mm) 5000 PSI WP (345 BAR) SAE 100R13 MSHA 2G-IC-11C/11**														

This hose fits with R13 couplings

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R15 SAE 100 R15 PLUS



Applicable Standard

SAE J517 100 R15

Liner
Oil resistant synthetic rubber

Reinforcement
Four or six spirals of high tensile steel wire

Cover
Oil and weather resistant black synthetic rubber MSHA approved

Application
High pressure hydraulic lines

Temperature
Hydraulics Oils: from -40ºC to 121ºC (from -40ºF to 250ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 93ºC (from 32ºF to 199ºF)
Water: from 0ºC to 93ºC (from 32ºF to 199ºF)
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3262162	10	-6	3/8	9,5	20,5	0,807	415	6000	1660	24000	76	3	5,5	0,37
ANCHOR 6MCSM 3/8" I.D. (9.5 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA 2G-IC-11C/11														
3262163	12	-8	1/2	12,7	24,1	0,949	415	6000	1660	24000	101	4	7,9	0,53
ANCHOR 8MCSM 1/2" I.D. (12.7 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA 2G-IC-11C/11														
3262164	16	-10	5/8	15,9	28,3	1,114	415	6000	1660	24000	114	4,5	10,9	0,73
ANCHOR 10MCSM 5/8" I.D. (15.9 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA 2G-IC-11C/11														
3262165	19	-12	3/4	19,1	31,5	1,240	415	6000	1660	24000	133	5,25	15,9	1,07
ANCHOR 12MCSM 3/4" I.D. (19.1 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA 2G-IC-11C/11														
3262166	25	-16	1	25,4	39,9	1,571	415	6000	1660	24000	165	6,5	21,6	1,45
ANCHOR 16MCSM 1" I.D. (25.4 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA 2G-IC-11C/11														

This hose fits with R15 couplings

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R15 SAE 100 R15 "AAR" (Advanced Abrasion Resistance)



Applicable Standard

SAE J517 100 R15

Liner

Oil resistant synthetic rubber

Reinforcement

Four or six spirals of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved, advanced abrasion resistance

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40ºC to 121ºC (from -40ºF to 250ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 93ºC (from 32ºF to 199ºF)
Water: from 0ºC to 93ºC (from 32ºF to 199ºF)
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3262192	10	-6	3/8	9,5	20,5	0,807	415	6000	1660	24000	76	3	5,5	0,37
ANCHOR **6MCSMAR 3/8" I.D. (9.5 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA IC-101/14**														
3262193	12	-8	1/2	12,7	24,1	0,949	415	6000	1660	24000	101	4	7,9	0,53
ANCHOR **8MCSMAR 1/2" I.D. (12.7 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA IC-101/14**														
3262194	16	-10	5/8	15,9	28,3	1,114	415	6000	1660	24000	114	4,5	10,9	0,73
ANCHOR **10MCSMAR 5/8" I.D. (15.9 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA IC-101/14**														
3262195	19	-12	3/4	19,1	31,5	1,240	415	6000	1660	24000	133	5,25	15,9	1,07
ANCHOR **12MCSMAR 3/4" I.D. (19.1 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA IC-101/14**														
3262196	25	-16	1	25,4	39,9	1,571	415	6000	1660	24000	165	6,5	22	1,48
ANCHOR **16MCSMAR 1" I.D. (25.4 mm) 6000 PSI WP (414 BAR) SAE 100R15 MSHA IC-101/14**														

This hose fits with R15 couplings

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Textile Braided Hose

APPLICATION: suction and return line on hydraulic systems; medium pressure hydraulic lines.

R4 SAE 100 R4 PLUS



Applicable Standard

SAE J517 100 R4

Liner

Oil resistant synthetic rubber

Reinforcement

Textile reinforcement with helix steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

Suction and return line on hydraulic systems

Temperature

Hydraulics Oils: from -40ºC to 135ºC (from -40ºF to 275ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 85ºC (from 32ºF to 185ºF)
Water: from 0ºC to 85ºC (from 32ºF to 185ºF)
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3246814	19	-12	3/4	19,1	29,1	1,145	21	300	84	1200	65	2,5		
ANCHOR **SAE 100 R4 19 Plus 3/4" +135°C WP 21 bar (305 psi) MSHA IC-XX/XXX**														
3246815	25	-16	1	25,4	37,7	1,484	17	245	68	1000	75	3		
ANCHOR **SAE 100 R4 25 Plus 1" +135°C WP 17 bar (245 psi) MSHA IC-XX/XXX**														
3246816	31	-20	1 1/4	31,8	45,7	1,799	14	200	56	800	100	4		
ANCHOR **SAE 100 R4 31 Plus 1 1/4" +135°C WP 14 bar (200 psi) MSHA IC-XX/XXX**														
3623173	38	-24	1 1/2	38,1	52,8	2,079	10,5	150	42	600	130	5		
ANCHOR **SAE 100 R4 38 Plus 1 1/2" +135°C WP 10.5 bar (150 psi) MSHA IC-XX/XXX**														
3623174	51	-32	2	50,8	63,8	2,512	7	100	28	400	150	6		
ANCHOR **SAE 100 R4 51 Plus 2" +135°C WP 7 bar (100 psi) MSHA IC-XX/XXX**														

This hose fits with MN couplings

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R6 SAE 100 R6 PLUS



Applicable Standard

SAE J517 100 R6

Liner
Oil resistant synthetic rubber

Reinforcement
One textile braid

Cover
Oil and weather resistant black synthetic rubber MSHA approved

Application
Medium pressure hydraulic lines

Temperature
Hydraulics Oils: from -40ºC to 135ºC (from -40ºF to 275ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 85ºC (from 32ºF to 185ºF)
Water: from 0ºC to 85ºC (from 32ºF to 185ºF)
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
4193386	5	-3	3/16	4,8	11,9	0,468	35	500	140	2000	50	2		
ANCHOR SAE 100 R6 5 Plus 3/16" +135°C WP 35 bar (505 psi) MSHA IC-XX/XXX														
3663395	6	-4	1/4	6,4	13,3	0,523	28	400	112	1600	65	2,5		
ANCHOR SAE 100 R6 6 Plus 1/4" +135°C WP 28 bar (405 psi) MSHA IC-XX/XXX														
4193385	8	-5	5/16	7,9	15,1	0,594	28	400	112	1600	75	3		
ANCHOR SAE 100 R6 8 Plus 5/16" +135°C WP 28 bar (405 psi) MSHA IC-XX/XXX														
3663396	10	-6	3/8	9,5	16,7	0,657	28	400	112	1600	75	3	1,9	0,13
ANCHOR SAE 100 R6 10 Plus 3/8" +135°C WP 28 bar (405 psi) MSHA IC-XX/XXX														
3663397	12	-8	1/2	12,7	20,4	0,803	28	400	112	1600	100	4		
ANCHOR SAE 100 R6 12 Plus 1/2" +135°C WP 28 bar (405 psi) MSHA IC-XX/XXX														
4157930	16	-10	5/8	15,9	23,8	0,937	24	350	96	1400	125	5		
ANCHOR SAE 100 R6 16 Plus 5/8" +135°C WP 24 bar (345 psi) MSHA IC-XX/XXX														
3663398	19	-12	3/4	19,1	27,8	1,094	21	300	84	1200	150	6		
ANCHOR SAE 100 R6 19 Plus 3/4" +135°C WP 21 bar (305 psi) MSHA IC-XX/XXX														

This hose fits with JN couplings

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notes note

Thermoplastic Hose

APPLICATION: medium pressure hydraulic lines; high pressure hydraulic lines.

R7 SAE 100 R7



Applicable Standard

SAE J517 100 R7

Liner

Thermoplastic elastomer

Reinforcement

One braid of synthetic fiber

Cover

Black polyurethane cover

Application

Medium pressure hydraulic lines

Temperature

Hydraulics Oils: from -40ºC to 93,5ºC (from -40ºF to 200ºF)
Water Glycol Hydraulic Fluids: from 0ºC to 66ºC (from 32ºF to 151ºF)
Water: from 0ºC to 66ºC (from 32ºF to 151ºF)
Air:

	DN	dash size	inch	mm	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
AC_924278003	5	-3	3/16	4,8	11,4	0,448	210	3000	840	12000	45	1,75		
ANCHOR 3TMA 3/16" I.D. (4.8mm) 3000 PSI WP (210 BAR) SAE 100R7 DATE SUP ID #														
AC_924278004	6	-4	1/4	6,4	13,7	0,539	192	2750	768	11000	50	2		
ANCHOR 4TMA 1/4" I.D. (6.4mm) 2750 PSI WP (192 BAR) SAE 100R7 DATE SUP ID #														
AC_924278006	10	-6	3/8	9,5	17,2	0,677	157	2250	628	9000	63	2,5		
ANCHOR 6TMA 3/8" I.D. (9.5mm) 2250 PSI WP (157 BAR) SAE 100R7 DATE SUP ID #														
AC_924278008	12	-8	1/2	12,7	21,5	0,846	140	2000	560	8000	90	3,5		
ANCHOR 8TMA 1/2" I.D. (12.7mm) 2000 PSI WP (140 BAR) SAE 100R7 DATE SUP ID #														

This hose fits with JN couplings

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notes note

notes

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