GR1SN

Meets or exceeds the performance requirements of: SAE 100R1AT; EN 853 1SN; DIN 20022 1SN
Meets Flame Resistance USMSHA Designation • Meets Higher EN/DIN Pressures

GOODYEAR

Application

Medium pressure hydraulic applications including mobile, machine tool and agricultural applications using petroleum or water based hydraulic fluids

Construction

Inner Tube: Nitrile
Cover: Black Neoprene
Reinforcement: One Braid of high-tensile steel wire

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
GR1SN-03	3/16	05	0.47	11.9	3630	25.0	3.5	89	14520	100.1	0.12
GR1SN-04	1/4	06	0.53	13.6	3270	22.5	4.0	102	13080	90.2	0.15
GR1SN-05	5/16	08	0.60	15.1	3120	21.5	4.5	114	12480	86.0	0.17
GR1SN-06	3/8	10	0.69	17.5	2615	18.0	5.0	127	10460	72.1	0.22
GR1SN-08	1/2	12	0.81	20.7	2320	16.0	7.0	178	9280	64.0	0.28
GR1SN-10	5/8	16	0.94	23.8	1890	13.0	8.0	203	7560	52.1	0.33
GR1SN-12	3/4	19	1.10	27.8	1530	10.5	9.5	241	6120	42.2	0.41
GR1SN-16	1	25	1.41	35.8	1280	8.8	12.0	305	5120	35.3	0.62
GR1SN-20	1 1/4	31	1.70	43.1	920	6.3	16.5	419	3680	25.4	0.84
GR1SN-24	1 1/2	38	1.97	50.1	730	5.0	20.0	508	2920	20.1	1.09
GR1SN-32	2	51	2.50	63.6	580	4.0	25.0	635	2320	16.0	1.34

DESERT™ HR1SN

Meets or exceeds the performance requirements of: SAE 100R1AT; EN 853 1SN; DIN 20022 1SN
Meets Higher EN/DIN Pressures • High Temperature

GOODYEAR

Application

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.

Construction

Inner Tube: Nitrile
Cover: Black Neoprene
Reinforcement: One Braid of high-tensile steel wire

Temperature

-40°F to 275°F (-40°C to 135°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
HR1SN-04	1/4	06	0.52	13.1	3270	22.5	4.0	102	13080	90.2	0.15
HR1SN-06	3/8	10	0.67	17.1	2615	18.0	5.0	127	10460	72.1	0.22
HR1SN-08	1/2	12	0.80	20.3	2320	16.0	7.0	178	9280	64.0	0.28
HR1SN-10	5/8	16	0.92	23.4	1890	13.0	8.0	203	7560	52.1	0.33
HR1SN-12	3/4	19	1.08	27.4	1530	10.5	9.5	241	6120	42.2	0.41
HR1SN-16	1	25	1.39	35.3	1280	8.8	12.0	305	5120	35.3	0.62
HR1SN-20	1 1/4	31	1.70	43.1	920	6.3	16.5	419	3680	25.4	0.84
HR1SN-24	1 1/2	38	1.97	50.1	730	5.0	20.0	508	2920	20.1	1.09
HR1SN-32	2	51	2.50	63.6	580	4.0	25.0	635	2320	16.0	1.34

NSFX - SAFLEX®

Non-Conductive

GOODYEAR

Application

Medium pressure hydraulic applications where shock hazards exist and non-conductivity is required. Meets maximum leakage of 100 microamps/ft at 75 KV for 3 minutes.

Construction

Inner Tube: Neoprene
Cover: Orange Nitrile
Reinforcement: Two textile brands

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	MM	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
NSFX-04	1/4	6.4	0.56	14.2	2750	19.0	NA	NA	11000	75.8	0.11
NSFX-06	3/8	9.5	0.75	19.0	2250	15.5	NA	NA	9000	62.1	0.19
NSFX-08	1/2	12.7	0.94	23.7	2000	13.8	NA	NA	8000	55.2	0.27

GR7

Meets or exceeds the performance requirements of: SAE 100R7; EN 855 R7

GOODYEAR

Application

Medium pressure thermoplastic hose with a perforated cover. Compatible with petroleum, water and synthetic based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

Construction

Inner Tube: Nylon
Cover: Black Urethane
Reinforcement: Synthetic Fiber

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
GR7-02	1/8	03	0.34	8.5	2500	17.2	0.5	13	10000	68.9	0.03
GR7-03	3/16	05	0.43	10.8	3000	20.7	0.8	20	12000	82.7	0.05
GR7-04	1/4	06	0.51	13.0	3000	20.7	1.3	33	12000	82.7	0.06
GR7-05	5/16	08	0.59	15.1	2500	17.2	1.8	46	10000	68.9	0.07
GR7-06	3/8	10	0.67	17.0	2250	15.5	2.0	51	9000	62.1	0.10
GR7-08	1/2	12	0.82	20.7	2000	13.8	3.0	76	8000	55.2	0.14
GR7-12	3/4	19	1.07	27.1	1250	8.6	5.0	127	5000	34.5	0.19
GR7-16	1	25	1.34	34.0	1000	6.9	8.0	203	4000	27.6	0.26

Note: Max.temperature for water based and fire resistant fluids is 150°F (66°C)

TR7

Meets or exceeds the performance requirements of: SAE 100R7

Application

Medium pressure, twin line, thermoplastic hose with a perforated cover. Compatible with petroleum, water and synthetic based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

Construction

Inner Tube: Nylon
Cover: Black Ureothane
Reinforcement: Synthetic Fiber

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	MM	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
TR7-03	3/16	4.8	0.43	10.8	3000	20.7	0.8	20	12000	82.7	0.09
TR7-04	1/4	6.4	0.51	13.0	3000	20.7	1.3	33	12000	82.7	0.11
TR7-05	5/16	7.9	0.59	15.1	2500	17.2	1.8	46	10000	68.9	0.14
TR7-06	3/8	9.5	0.67	17.0	2250	15.5	2.0	51	9000	62.1	0.19
TR7-08	1/2	12.7	0.82	20.7	2000	13.8	3.0	76	8000	55.2	0.28

Note: Max.temperature for water based and fire resistant fluids is 150°F (66°C)

NR7

Meets or exceeds the performance requirements of: SAE 100R7
Non-Conductive

Application

Medium pressure thermoplastic hose with a non-perforated cover. Compatible with petroleum, water and synthetic based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery, requiring SAE 100R7 non-conductivity standards.

Construction

Inner Tube: Nylon (sizes 1/8", 3/4" and 1") and Polyester (sizes 3/16", 1/4", 5/16", 3/8" and 1/2")
Cover: Orange Urethane
Reinforcement: Synthetic Fiber

Temperature

-65°F to 212°F (-54°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	MM	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
NR7-02	1/8	3.3	0.34	8.5	2500	17.2	0.5	13	10000	68.9	0.03
NR7-03	3/16	4.8	0.43	10.8	3000	20.7	0.8	20	12000	82.7	0.05
NR7-04	1/4	6.4	0.49	12.3	2750	19.0	1.3	33	11000	75.8	0.06
NR7-05	5/16	7.9	0.58	14.7	2500	17.2	1.8	46	10000	68.9	0.08
NR7-06	3/8	9.5	0.64	16.1	2250	15.5	2.0	51	9000	62.1	0.10
NR7-08	1/2	12.7	0.82	20.7	2250	15.5	3.0	76	9000	62.1	0.14
NR7-12	3/4	19.0	1.07	27.1	1250	8.6	5.0	127	5000	34.5	0.19
NR7-16	1	25.4	1.34	34.0	1000	6.9	8.0	203	4000	27.6	0.26

Note: Temperature range is -40°F to 212°F (-40°C to 100°C) for sizes 1/8", 3/4" and 1".
Temperature range is -65°F to 212°F (-54°C to 100°C) for sizes 3/16", 1/4", 5/16", 3/8" and 1/2".
Max.temperature for water based and fire resistant fluids is 140°F (60°C)

BR7

Meets or exceeds the performance requirements of: SAE 100R7
Twin-Line • Non-Conductive

Application

Medium pressure, twin line, thermoplastic hose with a non-perforated cover. Compatible with petroleum, water and synthetic based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery, requiring SAE 100R7 non-conductivity standards.

Construction

Inner Tube: Nylon
Cover: Orange Urethane
Reinforcement: Synthetic Fiber

Temperature

-65°F to 212°F (-54°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	MM	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
BR7-04	1/4	6.4	0.49	12.3	2750	19.0	1.3	33	11000	75.8	0.12
BR7-05	5/16	7.9	0.58	14.7	2500	17.2	1.8	46	10000	68.9	0.15
BR7-06	3/8	9.5	0.64	16.1	2250	15.5	2.0	51	9000	62.1	0.19
BR7-08	1/2	12.7	0.82	20.7	2250	15.5	3.0	76	9000	62.1	0.29

Note: Max.temperature for water based and fire resistant fluids is 150°F (66°C)

GR2SN

Meets or exceeds the performance requirements of: SAE 100R2AT; EN 853 2SN; DIN 20022 2SN
Meets Flame Resistance USMSHA Designation • Meets Higher EN/DIN Pressures

GOODYEAR

Application

High pressure hydraulic oil lines used in construction, machine tool and agricultural application using petroleum or water based hydraulic fluids.

Construction

Inner Tube: Nitrile
Cover: Black Neoprene
Reinforcement: Two braids of high-tensile steel wire

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
GR2SN-03	3/16	05	0.48	12.3	6000	41.4	3.5	89	24000	165.5	0.20
GR2SN-04	1/4	06	0.59	15.1	5800	40.0	4.0	102	23200	160.0	0.24
GR2SN-06	3/8	10	0.75	19.1	4800	33.1	5.0	127	19200	132.4	0.34
GR2SN-08	1/2	12	0.88	22.2	4000	27.6	7.0	178	16000	110.3	0.43
GR2SN-10	5/8	16	1.00	25.4	3630	25.0	8.0	203	14520	100.1	0.50
GR2SN-12	3/4	19	1.16	29.4	3120	21.5	9.5	241	12480	86.0	0.61
GR2SN-16	1	25	1.50	38.1	2400	16.5	12.0	305	9600	66.2	0.88
GR2SN-20	1 1/4	31	1.88	47.7	1820	12.5	16.5	419	7280	50.2	1.29
GR2SN-24	1 1/2	38	2.13	54.1	1310	9.0	20.0	508	5240	36.1	1.61
GR2SN-32	2	51	2.63	66.7	1160	8.0	25.0	635	4640	32.0	1.98

DESERT™ HR2SN

Meets or exceeds the performance requirements of: SAE 100R2AT; EN 853 2SN; DIN 20022 2SN.
Meets Higher EN/DIN Pressures • High Temperature

GOODYEAR

Application

High pressure hydraulic oil lines used in construction, machine tool and agricultural applications, where higher temperature petroleum or water based hydraulic fluids are a factor.

Construction

Inner Tube: Nitrile
Cover: Black Neoprene
Reinforcement: Two braids of high-tensile steel wire

Temperature

-40°F to 275°F (-40°C to 135°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
HR2SN-04	1/4	06	0.58	14.7	5800	40.0	4.0	102	23200	160.0	0.24
HR2SN-06	3/8	10	0.74	18.7	4800	33.1	5.0	127	19200	132.4	0.34
HR2SN-08	1/2	12	0.86	21.8	4000	27.6	7.0	178	16000	110.3	0.43
HR2SN-10	5/8	16	0.99	25.0	3630	25.0	8.0	203	14520	100.1	0.50
HR2SN-12	3/4	19	1.14	29.0	3120	21.5	9.5	241	12480	86.0	0.61
HR2SN-16	1	25	1.48	37.6	2400	16.5	12.0	305	9600	66.2	0.88
HR2SN-20	1 1/4	31	1.88	47.7	1820	12.5	16.5	419	7280	50.2	1.29
HR2SN-24	1 1/2	38	2.13	54.1	1310	9.0	20.0	508	5240	36.1	1.61
HR2SN-32	2	51	2.63	66.7	1160	8.0	25.0	635	4640	32.0	1.98

ARCTIC™ LR2SN

Meets or exceeds the performance requirements of: SAE 100R2AT; EN 853 2SN; DIN 20022 2SN
Meets Flame Resistance USMSHA Designation • Meets Higher EN/DIN Pressures • Low Temperature

GOODYEAR

Application

High pressure hydraulic oil lines used in construction, machine tool and agricultural applications, where lower temperature petroleum or water based hydraulic fluids are a factor.

Construction

Inner Tube: Nitrile
Cover: Black Neoprene
Reinforcement: Two braids of high-tensile steel wire

Temperature

-58°F to 212°F (-50°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
LR2SN-04	1/4	06	0.58	14.7	5800	40.0	4.0	102	23200	160.0	0.24
LR2SN-06	3/8	10	0.74	18.7	4800	33.1	5.0	127	19200	132.4	0.34
LR2SN-08	1/2	12	0.86	21.8	4000	27.6	7.0	178	16000	110.3	0.43
LR2SN-10	5/8	16	0.99	25.0	3630	25.0	8.0	203	14520	100.1	0.50
LR2SN-12	3/4	19	1.14	29.0	3120	21.5	9.5	241	12480	86.0	0.61
LR2SN-16	1	25	1.48	37.6	2400	16.5	12.0	305	9600	66.2	0.88
LR2SN-20	1 1/4	31	1.88	47.7	1820	12.5	16.5	419	7280	50.2	1.29

ARMORCOAT™ CR2SN

Meets or exceeds the performance requirements of: SAE 100R2AT; EN 853 2SN; DIN 20022 2SN
Meets Flame Resistance USMSHA Designation • Meets Higher EN/DIN Pressures • Low Temperature • Abrasion Cover

GOODYEAR

Application

High pressure and high temperature, SAE 100R2AT applications in an abrasive or severe outdoor environment such as offshore, forestry, construction and mining.

Construction

Inner Tube: Nitrile
Cover: Black Neoprene with Armorcoat
Reinforcement: Two braids of high-tensile steel wire

Temperature

-40°F to 2750°F (-40°C to 121°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
CR2SN-04	1/4	06	0.58	14.7	5800	40.0	4.0	102	23200	160.0	0.24
CR2SN-06	3/8	10	0.74	18.7	4800	33.1	5.0	127	19200	132.4	0.34
CR2SN-08	1/2	12	0.86	21.8	4000	27.6	7.0	178	16000	110.3	0.42
CR2SN-12	3/4	19	1.14	29.0	3120	21.5	9.5	241	12480	86.0	0.60
CR2SN-16	1	25	1.48	37.6	2400	16.5	12.0	305	9600	66.2	0.89
CR2SN-20	1 1/4	31	1.88	47.7	1820	12.5	16.5	419	7280	50.2	1.29
CR2SN-24	1 1/2	38	2.13	54.1	1310	9.0	20.0	508	5240	36.1	1.61
CR2SN-32	2	51	2.63	66.7	1160	8.0	25.0	635	4640	32.0	1.98

GR8

Meets or exceeds the performance requirements of: SAE 100R8; EN 858 R8

GOODYEAR

Application

High pressure thermoplastic hose with a perforated cover for petroleum, water and synthetic based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

Construction

Inner Tube: Nylon
Cover: Black Urethane
Reinforcement: Synthetic Fiber

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
GR8-03	3/16	05	0.52	13.1	5000	34.5	1.5	38	20000	137.9	0.08
GR8-04	1/4	06	0.63	15.9	5000	34.5	2.0	51	20000	137.9	0.12
GR8-06	3/8	10	0.77	19.4	4000	27.6	2.5	64	16000	110.3	0.15
GR8-08	1/2	12	0.89	22.7	3500	24.1	4.0	102	14000	96.5	0.19

Note: Max.temperature for water based and fire resistant fluids is 150°F (66°C)

GR16

Meets or exceeds the performance requirements of: SAE 100R16
Meets Flame Resistance USMSHA Designation

GOODYEAR

Application

High pressure hydraulic applications designed to replace SAE 100R2 where higher pressures and a more flexible hose is required.

Construction

Inner Tube: Nitrile
Cover: Black Neoprene
Reinforcement: Two braids of high-tensile steel wire

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	MM	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
GR16-04	1/4	6.4	0.57	14.5	5000	34.5	2.0	51	20000	137.9	0.18
GR16-06	3/8	9.5	0.74	18.8	4000	27.6	2.5	64	16000	110.3	0.24
GR16-08	1/2	12.7	0.87	22.0	3500	24.1	3.5	89	14000	96.5	0.31
GR16-10	5/8	15.9	1.00	25.4	2750	19.0	4.0	102	11000	75.8	0.36
GR16-12	3/4	19.0	1.14	29.0	2250	15.5	4.8	121	9000	62.1	0.49
GR16-16	1	25.4	1.44	36.6	2000	13.8	6.0	152	8000	55.2	0.67
GR16-20	1 1/4	31.8	1.75	44.3	1625	11.2	8.3	210	6500	44.8	0.95

GR16SC

Meets or exceeds the performance requirements of: SAE 100R16; EN 857 2SC
Meets Flame Resistance USMSHA Designation • Meets Higher EN/DIN Pressures

GOODYEAR

Application

High pressure service with tight bends for petroleum and water based hydraulic fluids. Excellent impulse performance and flexibility, exceedng SAE 100R2 and SAE 100R16 standards.

Construction

Inner Tube: Nitrile
Cover: Black Neoprene
Reinforcement: Two braids of high-tensile steel wire

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
GR16SC-04	1/4	06	0.56	14.2	5800	40.0	3.0	76	23200	160.0	0.18
GR16SC-06	3/8	10	0.72	18.3	5000	34.5	3.5	89	20000	137.9	0.27
GR16SC-08	1/2	12	0.85	21.5	4500	31.0	5.0	127	18000	124.1	0.36
GR16SC-10	5/8	16	0.97	24.7	4000	27.6	6.3	159	16000	110.3	0.41
GR16SC-12	3/4	19	1.13	28.6	3500	24.1	8.0	203	14000	96.5	0.55
GR16SC-16	1	25	1.44	36.6	2700	18.6	10.0	254	10800	74.5	0.83

ARMORCOAT™ AR16SC

Meets or exceeds the performance requirements of: SAE 100R16; EN 857 2SC;
Meets Flame Resistance USMSHA Designation • Meets Higher EN/DIN Pressures • Abrasion Cover

GOODYEAR

Application

High pressure service with tight bends for petroleum and water based hydraulic fluids where maximum abrasion resistance is required. Excellent impulse performance and flexibility, exceedng SAE 100R2 and SAE 100R16 standards.

Construction

Inner Tube: Nitrile
Cover: Black Neoprene with Armorcoat
Reinforcement: Two braids of high-tensile steel wire

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
AR16SC-04	1/4	06	0.56	14.2	5800	40.0	3.0	76	23200	160.0	0.17
AR16SC-06	3/8	10	0.72	18.3	5000	34.5	3.5	89	20000	137.9	0.26
AR16SC-08	1/2	12	0.85	21.5	4500	31.0	5.0	127	18000	124.1	0.35
AR16SC-10	5/8	16	0.97	24.7	4000	27.6	6.3	159	16000	110.3	0.40
AR16SC-12	3/4	19	1.13	28.6	3500	24.1	8.0	203	14000	96.5	0.54
AR16SC-16	1	25	1.44	36.6	2700	18.6	10.0	254	10800	74.5	0.83

GR17

Meets or exceeds the performance requirements of: SAE 100R17
Meets Flame Resistance USMSHA Designation

Application

High pressure hydraulic applications designed to replace 100R1 where higher pressures and a more flexible hose is required.

Construction

Inner Tube: Nitrile
Cover: Black Neoprene
Reinforcement: One braid of high-tensile steel wire (sizes 1/4", 3/8" & 1/2")
and two braids of high-tensile steel wire (sizes 5/8", 3/4" & 1")

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	MM	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
GR17-04	1/4	6.4	0.52	13.2	3000	20.7	2.0	51	12000	82.7	0.11
GR17-06	3/8	9.5	0.67	17.0	3000	20.7	2.5	64	12000	82.7	0.17
GR17-08	1/2	12.7	0.83	21.1	3000	20.7	3.5	89	12000	82.7	0.28
GR17-10	5/8	15.9	1.02	25.9	3000	20.7	4.0	102	12000	82.7	0.41
GR17-12	3/4	19.0	1.19	30.3	3000	20.7	5.0	127	12000	82.7	0.55
GR17-16	1	25.4	1.52	38.6	3000	20.7	6.0	152	12000	82.7	0.82

ARMORCOAT™ AR17

Meets or exceeds the performance requirements of: SAE 100R17
Meets Flame Resistance USMSHA Designation • Abrasion Cover

GOODYEAR

Application

High pressure hydraulic applications designed to replace 100R1 where higher pressures, increased flexibility and maximum abrasion reistance is required.

Construction

Inner Tube: Nitrile
Cover: Black Neoprene with Armorcoat
Reinforcement: Two braids of high-tensile steel wire

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	MM	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
AR17-04	1/4	6.4	0.52	13.2	3000	20.7	2.0	51	12000	82.7	0.11
AR17-06	3/8	9.5	0.67	17.0	3000	20.7	2.5	64	12000	82.7	0.17
AR17-08	1/2	12.7	0.83	21.1	3000	20.7	3.5	89	12000	82.7	0.28

GR18

Meets or exceeds the performance requirements of: SAE 100R18

GOODYEAR

Application

Thermoplastic hose, highly flexible even in cold temperatures. Compact size with a small O.D. and lightweight, yet rugged construction. Applications for this hose include: forklifts, construction equipment, general hydraulic applications, chemical and gas transfer, agricultural equipment, material handling, freezer applications, machine tools & robotics, lubrication equipment, and, portable hydraulic tools.

Construction

Inner Tube: Thermoplastic polymer
Cover: Black Perforated thermoplastic polymer
Reinforcement: Two textile braids

Temperature

-65°F to 199°F (-54°C to 93°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	MM	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
GR18-04	1/4	6.4	0.49	12.3	3000	20.7	1.3	32	12000	82.7	0.06
GR18-05	5/16	7.9	0.61	15.5	3000	20.7	1.5	38	12000	82.7	0.08
GR18-06	3/8	9.5	0.66	16.8	3000	20.7	2.0	51	12000	82.7	0.12
GR18-08	1/2	12.7	0.85	21.6	3000	20.7	3.5	89	12000	82.7	0.15

GR12

Meets or exceeds the performance requirements of: SAE 100R12; EN 856 R12
Meets Flame Resistance USMSHA Designation

GOODYEAR

Application

Very high pressure applications subject to surges or flexing such as construction equipment, mining and the high performance industrial market

Construction

Inner Tube: Neoprene
Cover: Grey Hypalon
Reinforcement: Four altenating layers of spiraaled high-tensile steel wire

Temperature

-40°F to 250°F (-40°C to 121°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
GR12-06	3/8	10	0.80	20.2	4000	27.6	5.0	127	16000	110.3	0.44
GR12-08	1/2	12	0.94	23.8	4000	27.6	7.0	178	16000	110.3	0.54
GR12-10	5/8	16	1.09	27.7	4000	27.6	8.0	203	16000	110.3	0.72
GR12-12	3/4	19	1.21	30.7	4000	27.6	9.5	241	16000	110.3	0.85
GR12-16	1	25	1.50	38.0	4000	27.6	12.0	305	16000	110.3	1.20
GR12-20	1 1/4	31	1.85	47.0	3000	20.7	16.5	419	12000	82.7	1.84
GR12-24	1 1/2	38	2.10	53.4	2500	17.2	20.0	508	10000	68.9	2.10
GR12-32	2	51	2.63	66.7	2500	17.2	25.0	635	10000	68.9	2.71

ARMORCOAT™ AR12

Meets or exceeds the performance requirements of: SAE 100R12; EN 856 R12
Meets Flame Resistance USMSHA Designation • Abrasion Cover

GOODYEAR

Application

Very high pressure applications subject to surges or flexing such as construction equipment, mining and the high performance industrial market, where maximum abrasion resistance is required.

Construction

Inner Tube: Neoprene
Cover: Black Perforated with Armorcoat
Reinforcement: Four alternating layers of spiralled hig-tensile steel wire

Temperature

-40°F to 250°F (-40°C to 121°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
AR12-06	3/8	10	0.80	20.2	4000	27.6	5.0	127	16000	110.3	0.44
AR12-08	1/2	12	0.94	23.8	4000	27.6	7.0	178	16000	110.3	0.55
AR12-12	3/4	19	1.21	30.7	4000	27.6	9.5	241	16000	110.3	0.82
AR12-16	1	25	1.50	38.0	4000	27.6	12.0	305	16000	110.3	1.21
AR12-20	1 1/4	31	1.85	47.0	3000	20.7	16.5	419	12000	82.7	1.65
AR12-24	1 1/2	38	2.10	53.4	2500	17.2	20.0	508	10000	68.9	2.19
AR12-32	2	51	2.63	66.7	2500	17.2	25.0	635	10000	68.9	3.13

GR13

Meets or exceeds the performance requirements of: SAE 100R13; EN 856 R13
Meets Flame Resistance USMSHA Designation

GOODYEAR

Application

Very high pressure applications subject to surges or flexing such as construction equipment, mining and the high performance industrial market

Construction

Inner Tube: Neoprene
Cover: Black Neoprene
Reinforcement: Four alternating layers of spiralled high-tensile steel wire (sizes 3/4" & 1") and six alternating layers of spiralled high-tensile steel wire (sizes 1 1/4", 1 1/2" & 2")

Temperature

-40°F to 250°F (-40°C to 121°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
GR13-12	3/4	19	1.26	32.1	5000	34.5	9.5	241	20000	137.9	1.04
GR13-16	1	25	1.52	38.7	5000	34.5	12.0	305	20000	137.9	1.34
GR13-20	1 1/4	31	1.96	49.8	5000	34.5	16.5	419	20000	137.9	2.40
GR13-24	1 1/2	38	2.26	57.3	5000	34.5	20.0	508	20000	137.9	3.35
GR13-32	2	51	2.80	71.1	5000	34.5	25.0	635	20000	137.9	4.38

ARMORCOAT™ AR13

Meets or exceeds the performance requirements of: SAE 100R13 (except size 5/8"); EN 856 R13
Meets Flame Resistance USMSHA Designation • Abrasion Cover

GOODYEAR

Application

Very high pressure applications subject to surges or flexing such as construction equipment, mining and the high performance industrial market, where maximum abrasion resistance is required.

Construction

Inner Tube: Neoprene
Cover: Black Perforated with Armorcoat
Reinforcement: Four alternating layers of spiralled high-tensile steel wire (sizes 5/8", 3/4" & 1") and six alternating layers of spiralled high-tensile steel wire (sizes 1 1/4", 1 1/2" & 2")

Temperature

-40°F to 250°F (-40°C to 121°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	DIN Dash Size	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
AR13-10	5/8	16	1.11	28.2	5000	34.5	8.0	203	20000	137.9	0.71
AR13-12	3/4	19	1.26	32.1	5000	34.5	9.5	241	20000	137.9	0.97
AR13-16	1	25	1.52	38.7	5000	34.5	12.0	305	20000	137.9	1.30
AR13-20	1 1/4	31	1.96	49.8	5000	34.5	16.5	419	20000	137.9	1.73
AR13-24	1 1/2	38	2.26	57.3	5000	34.5	20.0	508	20000	137.9	3.27
AR13-32	2	51	2.80	71.1	5000	34.5	25.0	635	20000	137.9	4.43

GR5

Meets or exceeds the performance requirements of: SAE 100R5
DOT FMVSS 106 All and SAE J1402 (sizes 3/16", 1/4", 5/16", 13/32", 1/2" and 5/8")

GOODYEAR

Application

General purpose, medium pressure applications including petroleum based hydraulic oil, air and water for use in air brakes, power steering, turbo oil lines, tilt cab cylinders, transmission coolant and filtration lines.

Construction

Inner Tube: Nitrile
Cover: Black Impregnated textile braid
Reinforcement: One braid of high-tensile steel wire

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	MM	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
GR5-04	3/16	4.8	0.52	13.2	3000	20.7	3.0	76	12000	82.7	0.15
GR5-05	1/4	6.4	0.58	14.8	3000	20.7	3.4	86	12000	82.7	0.18
GR5-06	5/16	7.9	0.68	17.1	2250	15.5	4.0	102	9000	62.1	0.22
GR5-08	13/32	10.3	0.77	19.5	2000	13.8	4.6	117	8000	55.2	0.30
GR5-10	1/2	12.7	0.92	23.4	1750	12.1	5.5	140	7000	48.3	0.37
GR5-12	5/8	15.9	1.08	27.4	1500	10.3	6.5	165	6000	41.4	0.45
GR5-16	7/8	22.2	1.24	31.4	800	5.5	7.4	187	3200	22.1	0.47
GR5-20	1 1/8	28.6	1.50	38.1	625	4.3	9.0	229	2500	17.2	0.58
GR5-24	1 3/8	35.0	1.75	44.4	500	3.4	10.5	267	2000	13.8	0.73
GR5-32	1 13/16	46.0	2.22	56.4	350	2.4	13.3	337	1400	9.7	0.90

**** NOTE: ASSEMBLIES MADE WITH GOODYEAR'S GR5 HOSE AND GOODYEAR'S "FIELD-GRIP" FITTINGS MEET SAE J1402 AND DOT FMVSS 571.106 SPECIFICATIONS.*
IF YOU NEED FITTINGS FOR GR5 HOSE TO MEET SAE J517 100R5 ASSEMBLY REQUIREMENTS, PLEASE CONTACT GOODYEAR.

GGUN - Grease Gun Hose

Meets Flame Resistance USMSHA Designation

Application

Used as a grease whip hose or general purpose lubrication line. To be used with hand grease guns only. Not for powered units.

Construction

Inner Tube: Nitrile
Cover: Black Neoprene
Reinforcement: One braid of high-tensile steel wire

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	MM	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
GGUN-03	3/16	4.8	0.41	10.4	3000	20.7	NA	NA	12000	82.7	0.09

GHJ - Jack Hose

Application

Extreme high pressure hydraulic lines for jacking systems.

Construction

Inner Tube: Nitrile
Cover: Black Neoprene
Reinforcement: Two braids of high-tensile steel wire

Temperature

-40°F to 212°F (-40°C to 100°C)

Part Number	Hose Size I.D.		Hose O.D.		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight (lbs/foot)
	INCH	MM	INCH	MM	PSI	MPA	INCH	MM	PSI	MPA	
GHJ-04	1/4	6.4	0.58	14.7	10000	68.9	4.0	102	20000	137.9	0.24
GHJ-06	3/8	9.5	0.74	18.7	10000	68.9	5.0	127	20000	137.9	0.30