

GOODYEAR HYDRAULIC HOSE PART NUMBER DESIGNATIONS

GR1SN	SAE100R1AT/1SN
HR1SN	DESERT SAE 100R1AT/1SN (High Temp)
GR2SN	SAE 100R2AT/2SN
LR2SN	ARCTIC SAE 100R2AT/2SN (Low Temp)
HR2SN	DESERT SAE 100R2AT/2SN (High Temp)
CR2SN	ARMORCOAT SAE 100R2AT/2SN (High Temp, Abrasion Cover)
GR3	SAE 100R3/EN 854 R3
GR4	SAE 100R4
GR5	SAE 100R5
GR6	SAE 100R6/EN 854 R6
HR6	DESERT SAE 100R6/EN 854 R6 (High Temp)
GR7	SAE 100R7/EN 855 R7
NR7	SAE 100R7 (Non Conductive)
NSFX	SAFLEX® (Non Conductive)
TR7	SAE 100R7 (Twin-Line)
BR7	SAE 100R7 (Twin-Line, Non Conductive)
GR8	SAE 100R8/EN855 R8
NR8	SAE 100R8 (Non Conductive)
TR8	SAE 100R8 (Twin-Line)
G4SH	EN 856 4SH
G4SP	EN 856 4SP
GR12	SAE 100R12/EN 856 R12
AR12	ARMORCOAT SAE 100R12/EN856 R12 (Abrasion Cover)
GR13	SAE 100R13/EN 856 R13
AR13	ARMORCOAT SAE 100R13/EN856 R13 (Abrasion Cover)
GR15	SAE 100R15
AR15	ARMORCOAT SAE 100R15 (Abrasion Cover)
GR16	SAE 100R16
GR16SC	SAE 100R16/EN 857 2SC
AR16SC	ARMORCOAT SAE 100R16/EN857 2SC (Abrasion Cover)
GR17	SAE 100R17
AR17	ARMORCOAT SAE 100R17 (Abrasion Cover)
GR18	SAE 100R18
GGUN	Grease Gun Hose
GHJ	Jack Hose



Hydraulic Hose

EXAMPLE: B2-JCFX45-0608

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Fitting FAMILY

First character of Part Number

H = High Temp (DESERT™)
L = Low Temp (ARCTIC™)
A = Abrasion Cover (ARMORCOAT™)
C = Combination of Abrasion Cover and High Temp
N = Non-Conductive
T = Twin-Line
B = Both Non-Conductive and Twin-Line
G = General Specification Hose

Thread Description

Next 2-5 characters of Part Number before hyphen

R1SN = SAE 100R1AT/1SN
R2SN = SAE 100R2AT/2SN
R3 = SAE 100R3/EN 854 R3
R4 = SAE 100R4
R5 = SAE 100R5
R6 = SAE 100R6/854 R6
R7 = SAE 100R7/855 R7
SFX = SAFLEX®
R8 = SAE 100R8/855 R8
4SH = EN 856 4SH/DIN 20023 4SH
4SP = EN 856 4SP/DIN 20023 4SP
R12 = SAE 100R12/856R12
R13 = SAE 100R13/856R13
R15 = SAE 100R15
R16 = SAE 100R16
R16SC = SAE 100R16/857 2SC
R17 = SAE 100R17
R18 = SAE 100R18
GUN = Grease Gun Hose
HJ = Jack Hose

Hose DASH SIZE

(Hose Inside Diameter)
 Last 2 characters of Part Number after hyphen

All hoses except R5

02 = 1/8" (3.3 mm)
 3 = 3/16" (4.8 mm)
 4 = 1/4" (6.4 mm)
 5 = 5/16" (7.9 mm)
 6 = 3/8" (9.5 mm)
 08 = 1/2" (12.7mm)
 10 = 5/8" (15.9 mm)
 12 = 3/4" (19 mm)
 16 = 1" (25.4mm)
 20 = 1 1/4" (31.8mm)
 24 = 1 1/2" (38.1 mm)
 32 = 2" (50.8 mm)
 40 = 2 1/2" (63.5 mm)
 48 = 3" (76.2 mm)
 56 = 3 1/2" (89 mm)
 64 = 4" (101.6mm)

SAE 100R5 Hose

4 = 3/16" (4.8 mm)
 5 = 1/4" (6.4 mm)
 6 = 5/16" (7.9 mm)
 08 = 13/32" (10.3 mm)
 10 = 1/2" (12.7mm)
 12 = 5/8" (15.9 mm)
 16 = 7/8" (22.2 mm)
 20 = 1 1/8" (28.6 mm)
 24 = 1 3/8" (35 mm)
 32 = 1 13/16" (46mm)

Warning - Selection of Hose

Selection of the proper Goodyear hose for the application is essential to the proper operation and safe use of the hose and related equipment. Inadequate attention to selection of the hose for your application can result in hose leakage, bursting, or other failure, which can cause serious bodily injury or property damage from spraying fluids or flying projectiles. Some of the factors involved in the selection of the proper hose are:

- Hose Size
- Fluid Conveyed
- Hose Pressure
- Hose Length
- Bends
- Static Head Pressure
- Hose Ends
- Temperature
- Installation Design

The above factors and information provided in this catalog should be considered in selecting the proper hose for your application.



Hydraulic Hose

EXAMPLE: HR2SN-12

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XXXXX

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Hose ATTRIBUTE

First character of Part Number

H = High Temp (DESERT™)
L = Low Temp (ARCTIC™)
A = Abrasion Cover (ARMORCOAT™)
C = Combination of Abrasion Cover and High Temp
N = Non-Conductive
T = Twin-Line
B = Both Non-Conductive and Twin-Line
G = General Specification Hose

Hose STANDARD

Next 2-5 characters of Part Number before hyphen

R1SN = SAE 100R1AT/1SN
R2SN = SAE 100R2AT/2SN
R3 = SAE 100R3/EN 854 R3
R4 = SAE 100R4
R5 = SAE 100R5
R6 = SAE 100R6/854 R6
R7 = SAE 100R7/855 R7
SFX = SAFLEX®
R8 = SAE 100R8/855 R8
4SH = EN 856 4SH/DIN 20023 4SH
4SP = EN 856 4SP/DIN 20023 4SP
R12 = SAE 100R12/856R12
R13 = SAE 100R13/856R13
R15 = SAE 100R15
R16 = SAE 100R16
R16SC = SAE 100R16/857 2SC
R17 = SAE 100R17
R18 = SAE 100R18
GUN = Grease Gun Hose
HJ = Jack Hose

Hose DASH SIZE

(Hose Inside Diameter) Last 2 characters of Part Number after hyphen

All hoses except R5
02 = 1/8" (3.3 mm)
3 = 3/16" (4.8 mm)
4 = 1/4" (6.4 mm)
5 = 5/16" (7.9 mm)
6 = 3/8" (9.5 mm)
08 = 1/2" (12.7mm)
10 = 5/8" (15.9 mm)
12 = 3/4" (19 mm)
16 = 1" (25.4mm)
20 = 1 1/4" (31.8mm)
24 = 1 1/2" (38.1 mm)
32 = 2" (50.8 mm)
40 = 2 1/2" (63.5 mm)
48 = 3" (76.2 mm)
56 = 3 1/2" (89 mm)
64 = 4" (101.6mm)

SAE 100R5 Hose
4 = 3/16" (4.8 mm)
5 = 1/4" (6.4 mm)
6 = 5/16" (7.9 mm)
08 = 13/32" (10.3 mm)
10 = 1/2" (12.7mm)
12 = 5/8" (15.9 mm)
16 = 7/8" (22.2 mm)
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Selection of the proper Goodyear hose for the application is essential to the proper operation and safe use of the hose and related equipment. Inadequate attention to selection of the hose for your application can result in hose leakage, bursting, or other failure, which can cause serious bodily injury or property damage from spraying fluids or flying projectiles. Some of the factors involved in the selection of the proper hose are:

- Hose Size
- Fluid Conveyed
- Hose Pressure
- Hose Length
- Bends
- Static Head Pressure
- Hose Ends
- Temperature
- Installation Design

The above factors and information provided in this catalog should be considered in selecting the proper hose for your application.



Hydraulic Hose

Pressure Range	Family Part Number	Hose Description	Temperature Range	DASH SIZE							
				02	03	04	05	06	08	10	12
				HOSE ID							
				1/8" (3.3 mm)	3/16" (4.8 mm)	1/4" (6.4 mm) R5: 3/16" (4.8 mm)	5/16" (7.9 mm) R5: 1/4" (6.4 mm)	3/8" (9.5 mm) R5: 5/16" (7.9 mm)	1/2" (12.7 mm) R5: 13/32" (10.3 mm)	5/8" (15.9 mm) R5: 1/2" (12.7 mm)	3/4" (19 mm) R5: 5/8" (15.9 mm)
LOW PRESSURE	GR6	SAE 100R6/EN 854 R6	-40°F to 199°F (-40°C to 93°C)		500	400	400	400	400	350	300
	HR6	DESERT SAE 100R6/EN 854 R6 (High Temp)	-40°F to 275°F (-40°C to 135°C)			400	400	400	400	350	300
	GR4	SAE 100R4	-40°F to 212°F (-40°C to 100°C)								300
	GR3	SAE 100R3/EN 854 R3	-40°F to 212°F (-40°C to 100°C)			1250	1200	1125	1000		750
MEDIUM PRESSURE	GR1SN	SAE 100R1AT/1SN	-40°F to 212°F (-40°C to 100°C)		3630	3270	3120	2615	2320	1890	1530
	HR1SN	DESERT SAE 100R1AT/1SN (High Temp)	-40°F to 275°F (-40°C to 135°C)			3270		2615	2320	1890	1530
	NSFX	SAFLEX (Non-conductive)	-40°F to 212°F (-40°C to 100°C)			2750		2250	2000		
	GR7	SAE 100R7/EN 855 R7	-40°F to 212°F (-40°C to 100°C)	2500	3000	3000	2500	2250	2000		1250
	TR7	SAE 100R7 (Twin-Line)	-40°F to 212°F (-40°C to 100°C)		3000	3000	2500	2250	2000		
	NR7	SAE 100R7 (Non-Conductive)	-65°F to 212°F (-54°C to 100°C)	2500	3000	2750	2500	2250	2250		1250
	BR7	SAE 100R7 (Twin-Line, Non-Conductive)	-65°F to 212°F (-54°C to 100°C)			2750	2500	2250	2250		
HIGH PRESSURE	GR2SN	SAE 100R2AT/2SN	-40°F to 212°F (-40°C to 100°C)		6000	5800		4800	4000	3630	3120
	HR2SN	DESERT SAE 100R2AT/2SN (High Temp)	-40°F to 275°F (-40°C to 135°C)			5800		4800	4000	3630	3120
	LR2SN	ARCTIC SAE 100R2AT/2SN (Low Temp)	-58°F to 212°F (-50°C to 100°C)			5800		4800	4000	3630	3120
	CR2SN	ARMORCOAT SAE 100R2AT/2SN (High Temp, Abrasion Cover)	-40°F to 250°F (-40°C to 121°C)			5800		4800	4000		3120
	GR8	SAE 100R8/EN 855 R8	-40°F to 212°F (-40°C to 100°C)		5000	5000		4000	3500		
	TR8	SAE 100R8 (Twin-Line)	-40°F to 212°F (-40°C to 100°C)					4000			
	NR8	SAE 100R8 (Non-Conductive)	-40°F to 212°F (-40°C to 100°C)			5000		4000	3500		
	GR16	SAE 100R16	-40°F to 212°F (-40°C to 100°C)			5000		4000	3500	2750	2250
	GR16SC	SAE 100R16/EN 857 2SC	-40°F to 212°F (-40°C to 100°C)			5800		5000	4500	4000	3500
	AR16SC	ARMORCOAT SAE 100R16/EN 857 2SC (Abrasion Cover)	-40°F to 212°F (-40°C to 100°C)			5800		5000	4500	4000	3500
	GR17	SAE 100R17	-40°F to 212°F (-40°C to 100°C)			3000		3000	3000	3000	3000
	AR17	ARMORCOAT SAE 100R17 (Abrasion Cover)	-40°F to 212°F (-40°C to 100°C)			3000		3000	3000		
	GR18	SAE 100R18	-65°F to 199°F (-54°C to 93°C)			3000	3000	3000	3000		
VERY HIGH PRESSURE	GR12	SAE 100R12/EN 856 R12	-40°F to 250°F (-40°C to 121°C)					4000	4000	4000	4000
	AR12	ARMORCOAT SAE 100R12/EN 856 R12 (Abrasion Cover)	-40°F to 250°F (-40°C to 121°C)					4000	4000		4000
	GR13	SAE 100R13/EN 856 R13	-40°F to 250°F (-40°C to 121°C)								5000
	AR13	ARMORCOAT SAE 100R13/EN 856 R13 (Abrasion Cover)	-40°F to 250°F (-40°C to 121°C)							5000	5000
	GR15	SAE 100R15	-40°F to 250°F (-40°C to 121°C)						6000	6000	6000
	AR15	ARMORCOAT SAE 100R15 (Abrasion Cover)	-40°F to 250°F (-40°C to 121°C)						6000		6000
	G4SP	EN 856 4SP	-40°F to 212°F (-40°C to 100°C)			6550		6450	6000	5000	5000
	G4SH	EN 856 4SH	-40°F to 212°F (-40°C to 100°C)								6000
SPECIAL APPLICATION	GR5	SAE 100R5	-40°F to 212°F (-40°C to 100°C)			3000	3000	2250	2000	1750	1500
	GGUN	Grease Gun Hose	-40°F to 212°F (-40°C to 100°C)		3000						
	GHJ	Jack Hose	-40°F to 212°F (-40°C to 100°C)			10000		10000			

Hydraulic Hose



Hydraulic Hose

Pressure Range	Family Part Number	Hose Description	Temperature Range	DASH SIZE							
				16	20	24	32	40	48	56	64
				HOSE ID							
				1" (25.4 mm) R5-7/8" (22.2 mm)	1 1/8" (31.8 mm) R5-1 1/2" (28.6 mm)	1 3/4" (38.1 mm) R5-1 7/8" (35 mm)	2" (50.8 mm) R5-1 3/4" (46 mm)	2 1/2" (63.5 mm)	3" (76.2 mm)	3 1/2" (89 mm)	4" (101.6 mm)
LOW PRESSURE	GR6	SAE 100R6/EN 854 R6	-40°F to 199°F (-40°C to 93°C)								
	HR6	DESERT SAE 100R6/EN 854 R6 (High Temp)	-40°F to 275°F (-40°C to 135°C)								
	GR4	SAE 100R4	-40°F to 212°F (-40°C to 100°C)	250	200	150	100	62	56	45	35
	GR3	SAE 100R3/EN 854 R3	-40°F to 212°F (-40°C to 100°C)	565	377						
MEDIUM PRESSURE	GR1SN	SAE 100R1AT/1SN	-40°F to 212°F (-40°C to 100°C)	1280	920	730	580				
	HR1SN	DESERT SAE 100R1AT/1SN (High Temp)	-40°F to 275°F (-40°C to 135°C)	1280	920	730	580				
	NSFX	SAFLEX (Non-conductive)	-40°F to 212°F (-40°C to 100°C)								
	GR7	SAE 100R7/EN 855 R7	-40°F to 212°F (-40°C to 100°C)	1000							
	TR7	SAE 100R7 (Twin-Line)	-40°F to 212°F (-40°C to 100°C)								
	NR7	SAE 100R7 (Non-Conductive)	-65°F to 212°F (-54°C to 100°C)	1000							
	BR7	SAE 100R7 (Twin-Line, Non-Conductive)	-65°F to 212°F (-54°C to 100°C)								
HIGH PRESSURE	GR2SN	SAE 100R2AT/2SN	-40°F to 212°F (-40°C to 100°C)	2400	1820	1310	1160				
	HR2SN	DESERT SAE 100R2AT/2SN (High Temp)	-40°F to 275°F (-40°C to 135°C)	2400	1820	1310	1160				
	LR2SN	ARCTIC SAE 100R2AT/2SN (Low Temp)	-58°F to 212°F (-50°C to 100°C)	2400	1820						
	CR2SN	ARMORCOAT SAE 100R2AT/2SN (High Temp, Abrasion Cover)	-40°F to 250°F (-40°C to 121°C)	2400	1820	1310	1160				
	GR8	SAE 100R8/EN 855 R8	-40°F to 212°F (-40°C to 100°C)								
	TR8	SAE 100R8 (Twin-Line)	-40°F to 212°F (-40°C to 100°C)								
	NR8	SAE 100R8 (Non-Conductive)	-40°F to 212°F (-40°C to 100°C)								
	GR16	SAE 100R16	-40°F to 212°F (-40°C to 100°C)	2000	1625						
	GR16SC	SAE 100R16/EN 857 2SC	-40°F to 212°F (-40°C to 100°C)	2700							
	AR16SC	ARMORCOAT SAE 100R16/EN 857 2SC (Abrasion Cover)	-40°F to 212°F (-40°C to 100°C)	2700							
	GR17	SAE 100R17	-40°F to 212°F (-40°C to 100°C)	3000							
	AR17	ARMORCOAT SAE 100R17 (Abrasion Cover)	-40°F to 212°F (-40°C to 100°C)								
	GR18	SAE 100R18	-65°F to 199°F (-54°C to 93°C)								
VERY HIGH PRESSURE	GR12	SAE 100R12/EN 856 R12	-40°F to 250°F (-40°C to 121°C)	4000	3000	2500	2500				
	AR12	ARMORCOAT SAE 100R12/EN 856 R12 (Abrasion Cover)	-40°F to 250°F (-40°C to 121°C)	4000	3000	2500	2500				
	GR13	SAE 100R13/EN 856 R13	-40°F to 250°F (-40°C to 121°C)	5000	5000	5000	5000				
	AR13	ARMORCOAT SAE 100R13/EN 856 R13 (Abrasion Cover)	-40°F to 250°F (-40°C to 121°C)	5000	5000	5000	5000				
	GR15	SAE 100R15	-40°F to 250°F (-40°C to 121°C)	6000	6000	6000	6000				
	AR15	ARMORCOAT SAE 100R15 (Abrasion Cover)	-40°F to 250°F (-40°C to 121°C)	6000							
	G4SP	EN 856 4SP	-40°F to 212°F (-40°C to 100°C)	4000							
	G4SH	EN 856 4SH	-40°F to 212°F (-40°C to 100°C)	5500	4700	4200	3650				
SPECIAL APPLICATION	GR5	SAE 100R5	-40°F to 212°F (-40°C to 100°C)	800	625	500	350				
	GGUN	Grease Gun Hose	-40°F to 212°F (-40°C to 100°C)								
	GHJ	Jack Hose	-40°F to 212°F (-40°C to 100°C)								



Hydraulic Hose

Family Part Number	Hose Description	Meets Flame Resistance US MSHA Designation	Meets Higher DIN/EN Pressures	DESERT (High Temp Hose)	ARCTIC (Low Temp Hose)	ARMOR-COAT (Abrasion Cover Hose)	Twin Line Hose	Non-Conductive Hose
GR1SN	SAE 100R1AT/1SN							
DESERT HR1SN	SAE 100R1AT/1SN							
GR2SN	SAE 100R2AT/2SN							
ARCTIC LR2SN	SAE 100R2AT/2SN							
DESERT HR2SN	SAE 100R2AT/2SN							
ARMORCOAT CR2SN	SAE 100R2AT/2SN							
GR3	SAE 100R3/EN 854 R3							
GR4	SAE 100R4							
DESERT HR6	SAE 100R6/854 R6							
NR7	SAE 100R7 (Non-Conductive)							
NSFX	SAFLEX							
TR7	SAE 100R7 (Twin-Line)							
BR7	SAE 100R7 (Twin-Line, Non-Conductive)							
NR8	SAE 100R8 (Non-Conductive)							
TR8	SAE 100R8 (Twin-Line)							
G4SH	EN 856 4SH/ DIN 20023 4SH							
G4SP	EN 856 4SP/ DIN 20023 4SP							
GR12	SAE 100R12/856 R12							
ARMORCOAT AR12	SAE 100R12/856 R12							
GR13	SAE 100R13/856 R13							
ARMORCOAT AR13	SAE 100R13/856 R13							
GR15	SAE 100R15							
ARMORCOAT AR15	SAE 100R15							
GR16	SAE 100R16							
GR16SC	SAE 100R16/857 2SC							
ARMORCOAT AR16SC	SAE 100R16/857 2SC							
GR17	SAE 100R17							
ARMORCOAT AR17	SAE 100R17							
GGUN	Grease Gun Hose							

Hydraulic Hose



Hydraulic Hose

Hydraulic
Hose

HR1SN (Desert SAE 100R1A T/1SN)
HR2SN (Desert SAE 100R2A T/2SN)
HR6 (Desert SAE 100R6/EN 854 R6)

A

CR2SN (Armorcoat SAE 100R2A T/2SN)
GR12 (SAE 100R12/EN 856 R12)
AR12 (Armorcoat SAE 100R12/EN 856 R12)
GR13 (SAE 100R13/EN 856 R13)
AR13 (Armorcoat SAE 100R13/EN 856 R13)
GR15 (SAE 100R15)
AR15 (Armorcoat SAE 100R15)

B

GR1SN (SAE 100R1AT/1SN)
GR2SN (SAE 100R2AT/2SN)
GR3 (SAE 100R3/EN 854 R3)
GR4 (SAE 100R4)
GR5 (SAE 100R5 DOT FMVSS 106 AII)
GR7 (SAE 100R7/EN855 R7)
NSFX (Saflex® Non-Conductive)
TR7 (SAE 100R7 Twin Line)
GR8 (SAE 100R8/EN 855 R8)
NR8 (SAE 100R8 Non-Conductive)
TR8 (SAE 100R8 Twin Line)
G4SH (EN 856 4SH)
G4SP (EN 856 4SP)
GR16 (SAE 100R16)
GR16SC (SAE 100R16/EN 857 2SC)
AR16SC (Armorcoat SAE 100R16/EN 857 2SC)
GR17 (SAE 100R17)
AR17 (Armorcoat SAE100R17)
GGUN (Grease Gun Hose)
GHJ (Jack Hose)

C

GR6 (SAE 100R6/EN 854 R6)

D

GR18 (SAE 100R18)

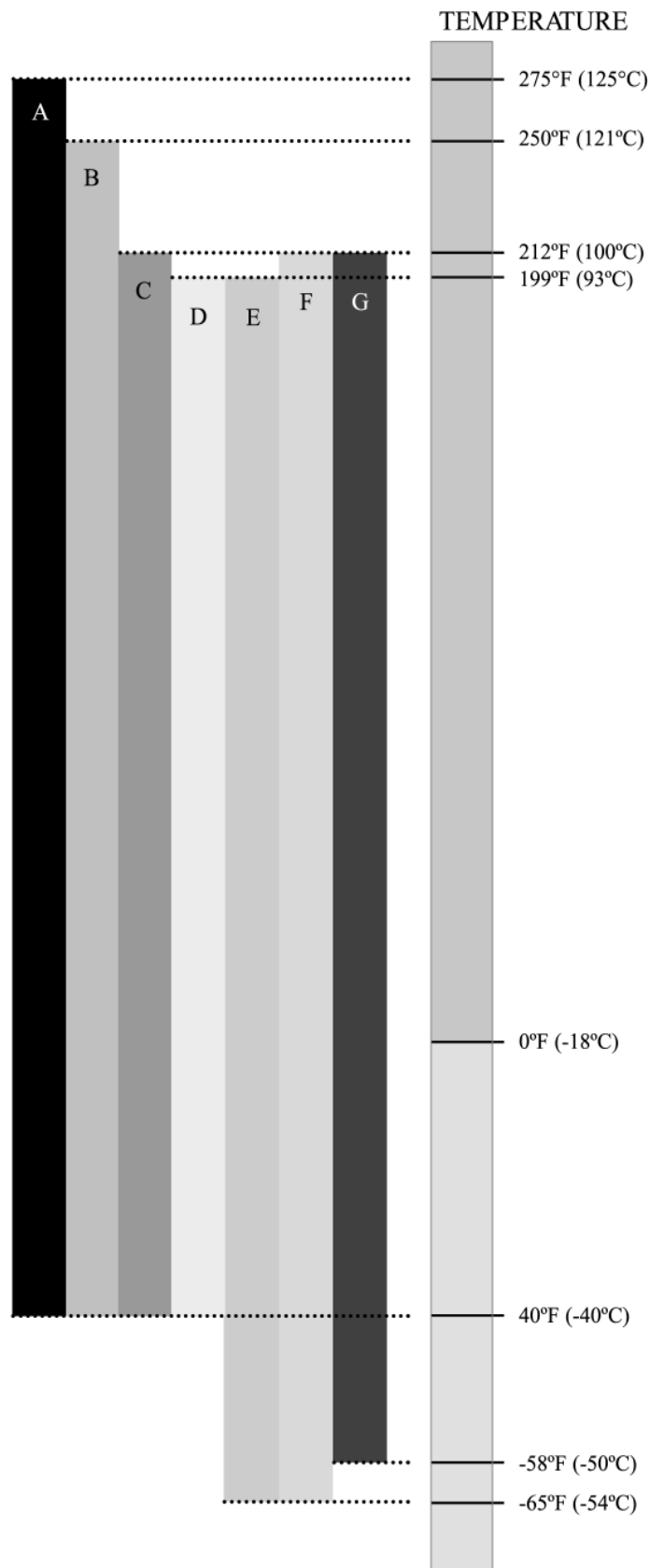
E

NR7 (SAE 100R7 Non-Conductive)
BR7 (SAE 100R7 Twin Line, Non-Conductive)

F

LR2SN (Arctic 100R2A T/2SN)

G



Hydraulic Hose

THREAD	THREAD DESCRIPTION	GENDER	SWIVEL	ELBOW
JC FX	JIC 37° Flare (SAE J514)	Female	Swivel	
JC FX45		Female	Swivel	45° Elbow
JC FX45S		Female	Swivel	45° Elbow (Short Drop-Tube)
JC FX90		Female	Swivel	90° Elbow
JC FX90L		Female	Swivel	90° Elbow (Long Drop-Tube)
JC FX90S		Female	Swivel	90° Elbow (Short Drop-Tube)
JC M		Male		
SF FX	SAE 45° J512 Flare	Female	Swivel	
SF FX90		Female	Swivel	90° Elbow
SF M		Male		
SI MX	SAE 45° Inverted Flare	Male	Swivel	
SI MX45		Male	Swivel	45° Elbow
SI MX90		Male	Swivel	90° Elbow
NP F	NPTF	Female		
NP M		Male		
NP MX		Male	Swivel	
NS FX	NPSM	Female	Swivel	
FT M	SAE J514 Flareless Tube Fittings	Male		
SP	Standpipe			
SP 45				45° Elbow
OF FX	O-Ring Face Seal (SAE J1453 ORS/ORFS)	Female	Swivel	
OF FX45		Female	Swivel	45° Elbow
OF FX90		Female	Swivel	90° Elbow
OF FX90L		Female	Swivel	90° Elbow (Long Drop-Tube)
OF FX90S		Female	Swivel	90° Elbow (Short Drop-Tube)
OF M		Male		
OB M	O-Ring Boss Straight Thread (SAE J514)	Male		
OB MX		Male	Swivel	
OB MX90B		Male	Swivel	90° Elbow (Block)
FL	Code 61 Flange (SAE J518)			
FL 22				22.5° Elbow
FL 30				30° Elbow
FL 45				45° Elbow
FL 60				60° Elbow
FL 90				90° Elbow
FH	Code 62 Flange (SAE J518)			
FH 45				45° Elbow
FH 90				90° Elbow
CF	Caterpillar Flange			
CF 45				45° Elbow
CF 90				90° Elbow
KF	Komatsu Flange			
KF 45				45° Elbow
KF 90				90° Elbow
BP FX	BSPP (British Standard Pipe Parallel)	Female	Swivel	
BP FX45		Female	Swivel	45° Elbow
BP FX90		Female	Swivel	90° Elbow
BP M		Male		
BT M	BSPT (British Standard Pipe Tapered)	Male		
BF FX	BSP Flat Seat (British Standard Pipe)	Female	Swivel	
DL FX	DIN 24° Light	Female	Swivel	
DL FX45		Female	Swivel	45° Elbow
DL FX90		Female	Swivel	90° Elbow
DL M		Male		
DH FX	DIN 24° Heavy	Female	Swivel	
DH FX45		Female	Swivel	45° Elbow
DH FX90		Female	Swivel	90° Elbow
DH M		Male		
DN FX45	DIN 60°	Female	Swivel	45° Elbow
DN FX90		Female	Swivel	90° Elbow
KM FX	Japanese Komatsu 30° Flare with Metric Threads	Female	Swivel	
JS FX	JIS 30° (Parallel Pipe Threads)	Female	Swivel	

