



Section 1

Hydraulic Hose

G2XH 2-Wire Braid Xtreme® Heat Hose SAE 100R2 Type S

High Temp
149°C

Meets Flame Resistance Acceptance Designation MSHA 2G

Recommended For: Extremely high temperature high pressure hydraulic applications.

Standards: Exceeds pressure and temperature requirements of SAE 100 R2, ISO1436 2SN R2 and EN 853 2SN or where resistance to either petroleum-base or phosphate ester fluids is required. Meets SAE J1942 requirements.

Tube: Black, oil resistant, synthetic rubber (CPE - Type J).

See *Characteristics Of Hose Stock Types*.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Blue, oil-resistant thin synthetic rubber (CSM - Type M).

See *Characteristics Of Hose Stock Types*.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C).

Phosphate ester fluids as recommended by the fluid manufacturer but within range of -40°F to +212°F (-40°C to +100°C). For water emulsions: +225°F (+107°C) in pressure lines, maximum +180°F (+82°C) in return lines.

Couplings Recommendation: (see *Southcott Crimp Data Book/Charts*)

Gates GlobalSpiral™ (GS) Couplings (-6 through -20)

Gates GlobalSpiral™ Plus (GSP) Couplings (-24 and -32)

Gates MegaCrimp® (G) Couplings (-4 through -20)

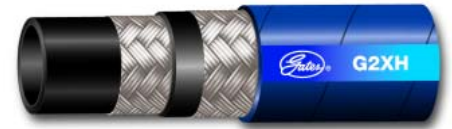
Child Super Crimp (S) Series Couplings (-4 through -20)

Child Ezi Crimp (E) Series Couplings (-4 through 16, excluding -10)

Child Field Fit (R) Series Couplings (-4 through -16)

Child Hammer (H) Series Couplings (-16 only)

Refer www.southcott.com.au for current crimp specifications



Hose Specifications

| Part Number | ⊖ | | | ⊕ | | ⊕ | | ⊕ | | ⊕ | | Length (m) |
|-------------|----------|-------|------|------|------|-------|-----|--------|-------|------|------|------------|
| | Standard | Dash | Inch | DN | Inch | mm | PSI | Bar | PSI | Bar | Inch | |
| 4G2XH | 4 | 1/4 | 6 | 0.59 | 15.0 | 6,000 | 413 | 24,000 | 1,655 | 4.0 | 102 | 167 |
| 6G2XH | 6 | 3/8 | 10 | 0.74 | 18.8 | 5,000 | 345 | 20,000 | 1,379 | 5.0 | 127 | 122 |
| 8G2XH | 8 | 1/2 | 12 | 0.86 | 21.8 | 4,250 | 293 | 17,000 | 1,172 | 7.0 | 178 | 100 |
| 10G2XH | 10 | 5/8 | 16 | 0.99 | 25.1 | 3,625 | 250 | 14,500 | 1,000 | 8.0 | 203 | 67 |
| 12G2XH | 12 | 3/4 | 19 | 1.15 | 29.2 | 3,100 | 215 | 12,400 | 855 | 9.5 | 214 | 67 |
| 16G2XH | 16 | 1 | 25 | 1.48 | 37.6 | 2,500 | 172 | 10,000 | 689 | 12.0 | 305 | 50 |
| 20G2XH | 20 | 1-1/4 | 31 | 1.86 | 47.2 | 2,250 | 155 | 9,000 | 620 | 16.5 | 419 | 39 |
| 24G2XH | 24 | 1-1/2 | 38 | 2.15 | 54.6 | 1,800 | 124 | 7,200 | 496 | 20.0 | 508 | 39 |
| 32G2XH | 32 | 2 | 51 | 2.65 | 67.3 | 1,500 | 103 | 6,000 | 413 | 25.0 | 635 | 39 |

Additional Product

| Hose Type | Couplings and Ferrules | | | | | | | | | | | Associated Protective Product | | | | | | |
|-----------|------------------------|----------------|-----------|----------------|----------------|--------|---------------|--------|-----------|--------|---------|-------------------------------|--------------|------------|------------|--------------------|------------|-------------------|
| | Gates | | | | Child | | | | Field Fit | | | Wire Spring Guard | Spiral Guard | Heat Guard | Tex-Sleeve | Shrink Band Clamps | Life Guard | Life Guard Collar |
| | 1 Piece Series | 2 Piece Series | | 1 Piece Series | 2 Piece Series | | Hammer Series | | Field Fit | | | | | | | | | |
| 4G2XH | 4G | - | - | E | S | FNP-04 | - | - | R | BN2-04 | HSG-02 | SGX16 | HTG-14 | TEXS23 | SB22 | - | - | |
| 6G2XH | 6G | 6GS | 6GS1F-2 | E | S | FNP-06 | - | - | R | BN2-06 | HSG-04 | SGX20 | HTG-16 | TEXS27 | SB25 | 16LG5K | 6SC4 | |
| 8G2XH | 8G | 8GS | 8GS1F-2 | E | S | FNP-08 | - | - | R | BN2-08 | HSG-05 | SGX20 | HTG-18 | TEXS31 | SB29 | 20LG4K | 8SC4 | |
| 10G2XH | 10G | 10GS | 10GS1F-2 | - | S | FNP-10 | - | - | R | BN2-10 | HSG-07 | SGX25 | HTG-22 | TEXS33 | SB34 | 22LG4K | 10SC4 | |
| 12GSXH | 12G | 12GS | 12GS1F-2 | E | S | FNP-12 | - | - | R | BN2-12 | HSG-09 | SGX32 | HTG-24 | TEXS44 | SB41 | 26LG4K | 12SC4 | |
| 16GSXH | 16G | 16GS | 16GS1F-2 | - | S | FNP-16 | H | FNH-16 | R | BN2-16 | HSG-11 | SGX40 | HTG-30 | TEXS47 | SB48 | 32LG4K | 16SC4 | |
| 20G2XH | 20G | 20GS | 20GS1F-2 | - | S | FNP-20 | - | - | - | - | HSG-14 | SGX50 | HTG-36 | TEXS60 | SB60 | - | - | |
| 24G2XH | - | 24GSP | 24GSP1F-2 | - | - | - | - | - | - | - | HSG-15 | SGX63 | HTG-40 | TEXS73 | SB60 | - | - | |
| 32G2XH | - | 32GSP | 32GSP1F-2 | - | - | - | - | - | - | - | HSG-15A | SGX75 | HTG-64 | TEXS93 | SB73 | - | - | |