

## Global G2 2-Wire Braid Hose - SAE 100R2 Type S

### Meets Flame Resistance Acceptance Designation MSHA 2G

**Recommended For:** High pressure hydraulic oil lines.

**Standards:** Meets or exceeds the requirements of SAE 100R2, ISO1436 2SN R2 and EN 853 2SN.



**Tube:** Black, oil resistant, synthetic rubber (Nitrile - Type C).

See *Characteristics Of Hose Stock Types*.

**Reinforcement:** Two braids of high-tensile steel wire.

**Cover:** Black, oil-, abrasion-resistant synthetic rubber (Modified Nitrile -Type C2).

See *Characteristics Of Hose Stock Types*.

**Temperature Range:** -40°F to +212°F (-40°C to +100°C).

For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose*.

#### 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 -32)

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](http://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 |            |
| 4G2         | 4        | 1/4   | 6    | 0.59 | 15.0 | 5,800 | 400 | 23,200 | 1,600 | 4.0  | 102  | 167        |
| 6G2         | 6        | 3/8   | 10   | 0.74 | 18.8 | 4,800 | 330 | 19,200 | 1,320 | 5.0  | 127  | 122        |
| 8G2         | 8        | 1/2   | 12   | 0.86 | 21.8 | 4,000 | 275 | 16,000 | 1,100 | 7.0  | 178  | 100        |
| 10G2        | 10       | 5/8   | 16   | 0.99 | 25.2 | 3,625 | 250 | 14,500 | 1,000 | 8.0  | 203  | 67         |
| 12G2        | 12       | 3/4   | 19   | 1.15 | 29.2 | 3,100 | 215 | 12,400 | 855   | 9.5  | 214  | 67         |
| 16G2        | 16       | 1     | 25   | 1.48 | 37.6 | 2,400 | 165 | 9,600  | 660   | 12.0 | 305  | 50         |
| 20G2        | 20       | 1-1/4 | 31   | 1.86 | 47.2 | 1,825 | 125 | 7,300  | 500   | 16.5 | 419  | 36         |
| 24G2        | 24       | 1-1/2 | 38   | 2.11 | 53.6 | 1,300 | 90  | 5,000  | 345   | 20.0 | 508  | 36         |
| 32G2        | 32       | 2     | 51   | 2.62 | 66.5 | 1,175 | 81  | 4,500  | 310   | 25.0 | 635  | 36         |

#### Additional Product

| Hose Type | Couplings and Ferrules |                |                |         |                |                |               |        |           |        |         | Associated Protective Product |              |            |            |                    |            |                   |
|-----------|------------------------|----------------|----------------|---------|----------------|----------------|---------------|--------|-----------|--------|---------|-------------------------------|--------------|------------|------------|--------------------|------------|-------------------|
|           | Gates                  |                |                |         | Child          |                |               |        |           |        |         | Wire Spring Guard             | Spiral Guard | Heat Guard | Tex-Sleeve | Shrink Band Clamps | Life Guard | Life Guard Collar |
|           | Standard               | 1 Piece Series | 2 Piece Series | Ferrule | 1 Piece Series | 2 Piece Series | Hammer Series |        | Field Fit |        |         |                               |              |            |            |                    |            |                   |
| 4G2       | 4G                     | -              | -              | E       | S              | FNP-04         | -             | -      | R         | BN2-04 | HSG-02  | SGX16                         | HTG-14       | TEXS23     | SB22       | -                  | -          |                   |
| 6G2       | 6G                     | 6GS            | 6GS1F-2        | E       | S              | FNP-06         | -             | -      | R         | BN2-06 | HSG-04  | SGX20                         | HTG-16       | TEXS27     | SB25       | 16LG5K             | 6SC4       |                   |
| 8G2       | 8G                     | 8GS            | 8GS1F-2        | E       | S              | FNP-08         | -             | -      | R         | BN2-08 | HSG-05  | SGX20                         | HTG-18       | TEXS31     | SB29       | 20LG4K             | 8SC4       |                   |
| 10G2      | 10G                    | 10GS           | 10GS1F-2       | -       | S              | FNP-10         | -             | -      | R         | BN2-10 | HSG-07  | SGX25                         | HTG-22       | TEXS33     | SB34       | 22LG4K             | 10SC4      |                   |
| 12G2      | 12G                    | 12GS           | 12GS1F-2       | E       | S              | FNP-12         | -             | -      | R         | BN2-12 | HSG-09  | SGX32                         | HTG-24       | TEXS44     | SB41       | 26LG4K             | 12SC4      |                   |
| 16G2      | 16G                    | 16GS           | 16GS1F-2       | -       | S              | FNP-16         | H             | FNH-16 | R         | BN2-16 | HSG-11  | SGX40                         | HTG-30       | TEXS47     | SB48       | 32LG3K             | 16SC4      |                   |
| 20G2      | 20G                    | 20GS           | 20GS1F-2       | -       | S              | FNP-20         | -             | -      | -         | -      | HSG-14  | SGX50                         | HTG-36       | TEXS60     | SB60       | -                  | -          |                   |
| 24G2      | -                      | 24GSP          | 24GSP1F-2      | -       | S              | FNP-24         | -             | -      | -         | -      | HSG-15  | SGX63                         | HTG-40       | TEXS73     | SB60       | -                  | -          |                   |
| 32G2      | -                      | 32GSP          | 32GSP1F-2      | -       | S              | FNP-32         | -             | -      | -         | -      | HSG-15A | SGX75                         | HTG-64       | TEXS93     | SB73       | -                  | -          |                   |