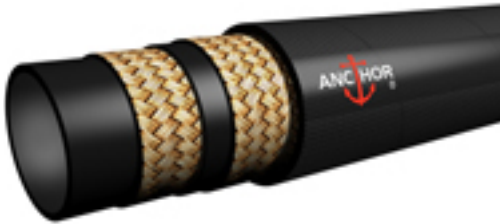


2SC ISO 11237 / SAE 100 R16 PLUS MSHA 120°C

Applicable Standard

ISO 11237 2SC  
Exceeds SAE J517 100 R16



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. Approved to the double of minimum impulse cycles required with smaller bend-radius

Temperature  
Hydraulics Oils: from -40°C to 120°C (from -40°F to 248°F)  
Water Glycol Hydraulic Fluids: from -40°C to 70°C (from -40°F to 158°F)  
Water: from 0°C to 70°C (from 32°F to 158°F)  
Air: up to 70°C (up to 158°F)

|            |  |  |  |  |  |  |     |      |     |       |     |      |      |       |
|------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|------|-----|-------|-----|------|------|-------|
| **         | DN                                                                                | dash size                                                                         | inch                                                                              | mm                                                                                  | mm                                                                                  | inch                                                                                | MPa | psi  | MPa | psi   | mm  | inch | g/m  | lb/ft |
| 2SCPlus-4  | 6                                                                                 | -4                                                                                | 1/4"                                                                              | 6,4                                                                                 | 14,2                                                                                | 0,559                                                                               | 45  | 6525 | 180 | 26100 | 50  | 1,97 | 294  | 0,198 |
| 2SCPlus-5  | 8                                                                                 | -5                                                                                | 5/16"                                                                             | 7,9                                                                                 | 16                                                                                  | 0,63                                                                                | 42  | 6090 | 168 | 24360 | 55  | 2,17 | 340  | 0,228 |
| 2SCPlus-6  | 10                                                                                | -6                                                                                | 3/8"                                                                              | 9,5                                                                                 | 18,3                                                                                | 0,72                                                                                | 38  | 5510 | 152 | 22040 | 65  | 2,56 | 462  | 0,31  |
| 2SCPlus-8  | 12                                                                                | -8                                                                                | 1/2"                                                                              | 12,7                                                                                | 21,5                                                                                | 0,846                                                                               | 33  | 4785 | 132 | 19140 | 90  | 3,54 | 557  | 0,374 |
| 2SCPlus-10 | 16                                                                                | -10                                                                               | 5/8"                                                                              | 15,9                                                                                | 24,7                                                                                | 0,972                                                                               | 30  | 4350 | 120 | 17400 | 100 | 3,94 | 700  | 0,47  |
| 2SCPlus-12 | 19                                                                                | -12                                                                               | 3/4"                                                                              | 19                                                                                  | 28,6                                                                                | 1,126                                                                               | 28  | 4060 | 112 | 16240 | 120 | 4,72 | 914  | 0,614 |
| 2SCPlus-16 | 25                                                                                | -16                                                                               | 1"                                                                                | 25,4                                                                                | 36,6                                                                                | 1,441                                                                               | 21  | 3045 | 84  | 12180 | 150 | 5,91 | 1432 | 0,962 |
|            |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |     |      |     |       |     |      |      |       |
|            |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |     |      |     |       |     |      |      |       |
|            |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |     |      |     |       |     |      |      |       |
|            |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |     |      |     |       |     |      |      |       |
|            |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |     |      |     |       |     |      |      |       |

|            |    |     |       | crimping Ø +/- |        | crimping style +/- |    |      | int. skive +/- |      | ext. skive +/- |      | ins. depth +/- |       | ferrule code |
|------------|----|-----|-------|----------------|--------|--------------------|----|------|----------------|------|----------------|------|----------------|-------|--------------|
|            |    |     |       | 0,2            | 0,008  |                    |    |      | 0,5            | 0,02 | 0,5            | 0,02 | 0,5            | 0,02  |              |
|            |    |     |       | DN             | dash s | inch               | mm | inch | mm             | inch | mm             | inch | mm             | inch  |              |
| 2SCPlus-4  | 6  | -4  | 1/4"  | 17,9           | 0,705  | FLAT               | 0  | 0    | 0              | 0    | 0              | 0    | 24             | 0,945 |              |
| 2SCPlus-5  | 8  | -5  | 5/16" | 19,3           | 0,76   | FLAT               | 0  | 0    | 0              | 0    | 0              | 0    | 25             | 0,984 |              |
| 2SCPlus-6  | 10 | -6  | 3/8"  | 22,1           | 0,87   | FLAT               | 0  | 0    | 0              | 0    | 0              | 0    | 25             | 0,984 |              |
| 2SCPlus-8  | 12 | -8  | 1/2"  | 25,3           | 0,996  | FLAT               | 0  | 0    | 0              | 0    | 0              | 0    | 27             | 1,063 |              |
| 2SCPlus-10 | 16 | -10 | 5/8"  | 27,9           | 1,098  | FLAT               | 0  | 0    | 0              | 0    | 0              | 0    | 30             | 1,181 |              |
| 2SCPlus-12 | 19 | -12 | 3/4"  | 32,7           | 1,287  | FLAT               | 0  | 0    | 0              | 0    | 0              | 0    | 35             | 1,378 |              |
| 2SCPlus-16 | 25 | -16 | 1"    | 41,5           | 1,634  | FLAT               | 0  | 0    | 0              | 0    | 0              | 0    | 41             | 1,614 |              |
|            |    |     |       |                |        |                    |    |      |                |      |                |      |                |       |              |
|            |    |     |       |                |        |                    |    |      |                |      |                |      |                |       |              |
|            |    |     |       |                |        |                    |    |      |                |      |                |      |                |       |              |
|            |    |     |       |                |        |                    |    |      |                |      |                |      |                |       |              |
|            |    |     |       |                |        |                    |    |      |                |      |                |      |                |       |              |

This hose fits with SERIES 1 couplings