

53LT

DuraMax™ SAE 100R18 Low Temperature Hydraulic Hose



Features

- Superior flexibility in cold temperature applications
- Excellent for over-the-sheave applications
- Better bend radius than SAE J517 and 100R7
- 3,045 psi constant pressure
- Nylon core provides improved chemical compatibility

Construction

- Tube: Nylon
- Reinforcement: Fiber
- Cover: Black Copolyester

Notes

- Perforated cover

Compliance

- Meets/Exceeds SAE J517 100R18

Operating Parameters

- Temperature Range:
 - Petroleum based hydraulic fluids and lubricating oils within a temperature range -70°F (-57°C) to 212°F (100°C)
- Vac. Rating: 28 inch Hg
- Change in length at Max. Working Pressure: +/-2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)



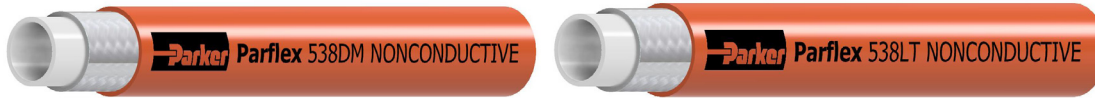
| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Weight | | Permanent Fitting Series |
|-------------|--------------|------|--------------|------|--------------------------|------|---------------------|----|--------|--------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | lbs/ft | kg/mtr | |
| 53LT-4 | 1/4 | 6.3 | 0.51 | 13 | 3,045 | 21.0 | 1-1/4 | 32 | 0.07 | 0.10 | 56 |
| 53LT-6 | 3/8 | 10 | 0.66 | 16.7 | 3,045 | 21.0 | 2 | 51 | 0.10 | 0.15 | 56 |
| 53LT-8 | 1/2 | 12.5 | 0.85 | 21.6 | 3,045 | 21.0 | 3-1/2 | 89 | 0.16 | 0.24 | 56 |

WARNING

This product can expose you to chemicals including Nickel compounds, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

538DM/538LT

DuraMax™ SAE 100R18 Non-Conductive Low Temperature Hydraulic Hose



Features

- Superior flexibility in cold temperature applications
- Excellent for over-the-sheave applications
- Better bend radius than SAE J517 and 100R7
- 3,045 psi constant pressure

Compliance

- Meets/Exceeds SAE J517 100R18
- Meets SAE J517 electrical standards (non-conductivity)

Construction

- Tube:
 - Copolyester - 538DM
 - Nylon - 538LT
- Reinforcement: Fiber
- Cover: Orange Copolyester

Operating Parameters

- Temperature Range:
 - Petroleum based hydraulic fluids and lubricating oils within a temperature range -70°F (-57°C) to 212°F (100°C)
- Vac. Rating: 28 inch Hg
- Change in length at Max. Working Pressure: +/-2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Notes

- Non-perforated cover



| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Weight | | Permanent Fitting Series |
|-------------|--------------|----|--------------|------|--------------------------|------|---------------------|----|--------|--------|--------------------------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | lbs/ft | kg/mtr | |
| 538DM-6 | 3/8 | 10 | 0.66 | 16.7 | 3,045 | 21.0 | 2 | 51 | 0.11 | 0.16 | 56 |
| 538LT-6 | 3/8 | 10 | 0.66 | 16.7 | 3,045 | 21.0 | 2 | 51 | 0.10 | 0.15 | 56 |

WARNING

This product can expose you to chemicals including Nickel compounds, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.