

187

No-Skive GlobalCore

Exceeds ISO 18752-AS

Primary Applications

Designed, build and tested to the ISO 18752 performance specifications. For high pressure return line applications in all markets.

Applicable Specifications

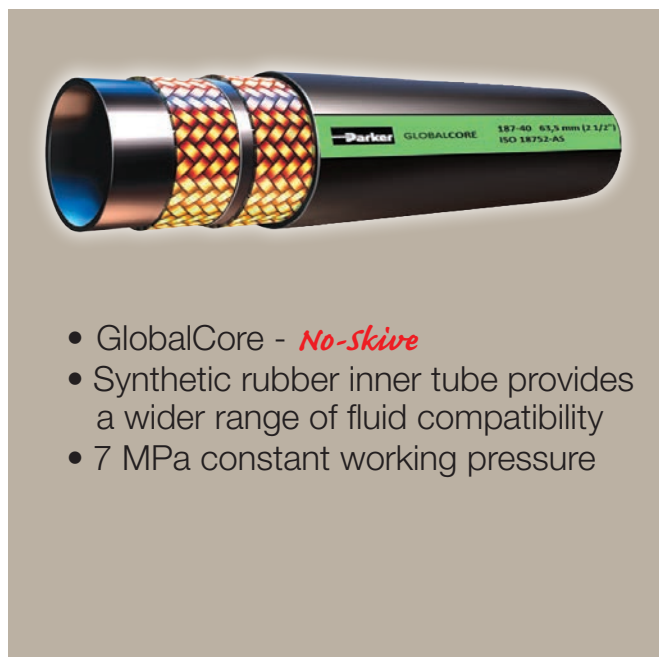
ISO 18752-AS

Construction

- Inner tube: Synthetic rubber
- Reinforcement: Two high-tensile steel wire braids
- Cover: Synthetic rubber

Temperature Range -40 °C up to +100 °C

- Exception: Air max. +70 °C
- Water max. +85 °C



Recommended Fluids

Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, air and water. For air and gas applications with a pressure exceeding 1.7 MPa, the cover must be pin-pricked. Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Fitting Series

Series 43/48 for sizes -8 to -32



Series 48 2piece for sizes -40 to -48



| Part Number | Hose I.D. | | | | Hose O.D. mm | Pressure Rating | | | | Vaccum* kPa | min. bend radius mm | weight kg |
|-------------|-----------|-------|------|------|-----------------|------------------------------|------|----------------------------|------|----------------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure MPa | psi | min. burst pressure MPa | psi | | | |
| 187-8 | 12 | 1/2 | -8 | 12.7 | 21.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 65 | 0.43 |
| 187-10 | 16 | 5/8 | -10 | 15.9 | 24.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 75 | 0.49 |
| 187-12 | 19 | 3/4 | -12 | 19.1 | 27.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 90 | 0.63 |
| 187-16 | 25 | 1 | -16 | 25.4 | 36.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 114 | 0.91 |
| 187-20 | 31 | 1 1/4 | -20 | 31.8 | 44.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 140 | 1.85 |
| 187-24 | 38 | 1 1/2 | -24 | 38.1 | 52.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 248 | 1.96 |
| 187-32 | 51 | 1 | -32 | 50.8 | 65.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 318 | 2.60 |
| 187-40 | 63 | 2 1/2 | -40 | 63.5 | 75.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 508 | 3.04 |
| 187-48 | 76 | 3 | -48 | 76.2 | 91.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 508 | 4.12 |

The combination of high temperature and high pressure could reduce the hose life.

Hose layline example



187TC

No-Skive GlobalCore Tough Cover

Exceeds ISO 18752-AS

Primary Applications

Designed, build and tested to the ISO 18752 performance specifications. For high pressure return line applications in all markets.

Applicable Specifications

ISO 18752-AS

Construction


Inner tube: Synthetic rubber
Reinforcement: Two high-tensile steel wire braids
Cover: Highly abrasion resistance
MSHA approved synthetic rubber

Temperature Range -40 °C up to +125 °C

For -40 & -48 sizes -40 °C up to +100 °C

Exception: Air max. +70 °C

Water max. +85 °C



- GlobalCore - *No-Skive*
- Synthetic rubber inner tube provides a wider range of fluid compatibility
- 7 MPa constant working pressure
- Highly abrasion resistant **TOUGH COVER**
- MSHA approved
- Hose is suitable for immersion in mineral oil up to 70 °C with frequent inspections

Recommended Fluids

Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, air and water. For air and gas applications with a pressure exceeding 1.7 MPa, the cover must be pin-pricked. Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Fitting Series

Series 43/48 for sizes -8 to -32



Series 48 2piece for sizes -40 to -48



| Part Number | Hose I.D. | | | | Hose O.D. mm | Pressure Rating | | | | Vaccum* kPa | min. bend radius mm | weight kg |
|-------------|-----------|-------|------|------|-----------------|------------------------------|------|----------------------------|------|----------------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure MPa | psi | min. burst pressure MPa | psi | | | |
| 187TC-8 | 12 | 1/2 | -8 | 12.7 | 21.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 65 | 0.43 |
| 187TC-10 | 16 | 5/8 | -10 | 15.9 | 24.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 75 | 0.49 |
| 187TC-12 | 19 | 3/4 | -12 | 19.1 | 27.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 90 | 0.63 |
| 187TC-16 | 25 | 1 | -16 | 25.4 | 36.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 114 | 0.91 |
| 187TC-20 | 31 | 1 1/4 | -20 | 31.8 | 44.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 140 | 1.85 |
| 187TC-24 | 38 | 1 1/2 | -24 | 38.1 | 52.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 248 | 1.96 |
| 187TC-32 | 51 | 1 | -32 | 50.8 | 65.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 318 | 2.60 |
| 187TC-40 | 63 | 2 1/2 | -40 | 63.5 | 75.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 508 | 3.04 |
| 187TC-48 | 76 | 3 | -48 | 76.2 | 91.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 508 | 4.12 |

The combination of high temperature and high pressure could reduce the hose life.

Hose layline example



187ST

No-Skive GlobalCore Super Tough

Exceeds ISO 18752-AS

Primary Applications

Designed, build and tested to the ISO 18752 performance specifications. For high pressure return line applications in all markets.

Applicable Specifications

ISO 18752-AS

Construction

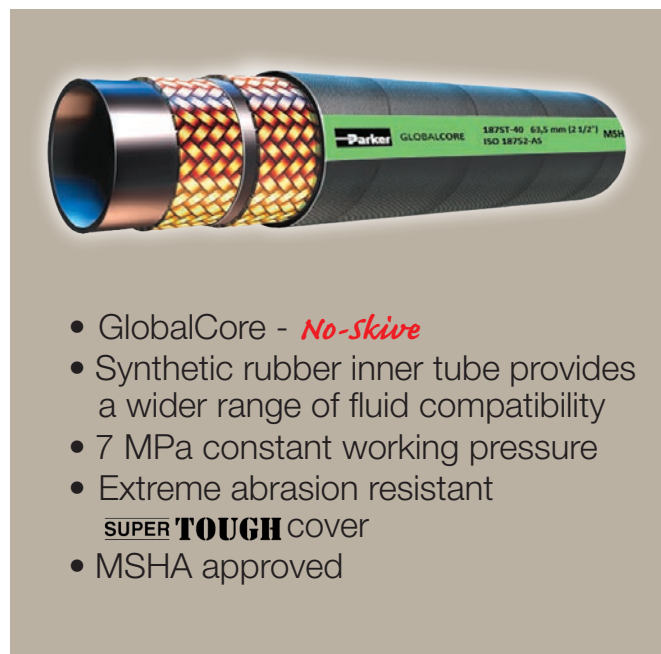
- Inner tube: Synthetic rubber
- Reinforcement: Two high-tensile steel wire braids
- Cover: Synthetic rubber with a special polyethylene coating

Temperature Range -40 °C up to +125 °C

For -40 & -48 sizes -40 °C up to +100 °C

Exception: Air max. +70 °C

Water max. +85 °C



- GlobalCore - *No-Skive*
- Synthetic rubber inner tube provides a wider range of fluid compatibility
- 7 MPa constant working pressure
- Extreme abrasion resistant **SUPER TOUGH** cover
- MSHA approved

Recommended Fluids

Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, air and water. For air and gas applications with a pressure exceeding 1.7 MPa, the cover must be pin-pricked. Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Fitting Series

Series 43/48 for sizes -8 to -32



Series 48 2piece for sizes -40 to -48



| Part Number | Hose I.D. | | | | Hose O.D. mm | Pressure Rating | | | | Vacuum* kPa | min. bend radius mm | weight kg |
|-------------|-----------|-------|------|------|-----------------|------------------------------|------|----------------------------|------|----------------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure MPa | psi | min. burst pressure MPa | psi | | | |
| 187ST-8 | 12 | 1/2 | -8 | 12.7 | 21.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 65 | 0.43 |
| 187ST-10 | 16 | 5/8 | -10 | 15.9 | 24.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 75 | 0.49 |
| 187ST-12 | 19 | 3/4 | -12 | 19.1 | 27.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 90 | 0.63 |
| 187ST-16 | 25 | 1 | -16 | 25.4 | 36.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 114 | 0.91 |
| 187ST-20 | 31 | 1 1/4 | -20 | 31.8 | 44.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 140 | 1.85 |
| 187ST-24 | 38 | 1 1/2 | -24 | 38.1 | 52.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 248 | 1.96 |
| 187ST-32 | 51 | 1 | -32 | 50.8 | 65.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 318 | 2.60 |
| 187ST-40 | 63 | 2 1/2 | -40 | 63.5 | 75.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 508 | 3.04 |
| 187ST-48 | 76 | 3 | -48 | 76.2 | 91.0 | 7.0 | 1000 | 28.0 | 4000 | 80 | 508 | 4.12 |

The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

