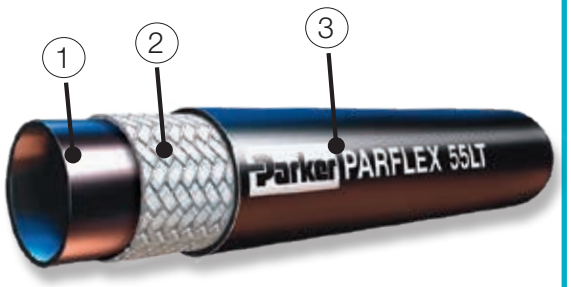
Parflex Hose
Excels in Cold Climates

For our customers, excelling in cold climates means reduced changeouts, reduced warranty and replacement costs and the opportunity to reduce installation times by more than 50% when they choose a preformed or bonded hose.

Low Temp Hose Construction



1. Core
Copolyester Tube

2. Reinforcement
One or two braids of High Tensile Steel Wire or Fiber

3. Jacket
Abrasion Resistant Copolyester or Nylon

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Low Temperature Hose
for Extremely Cold Climates

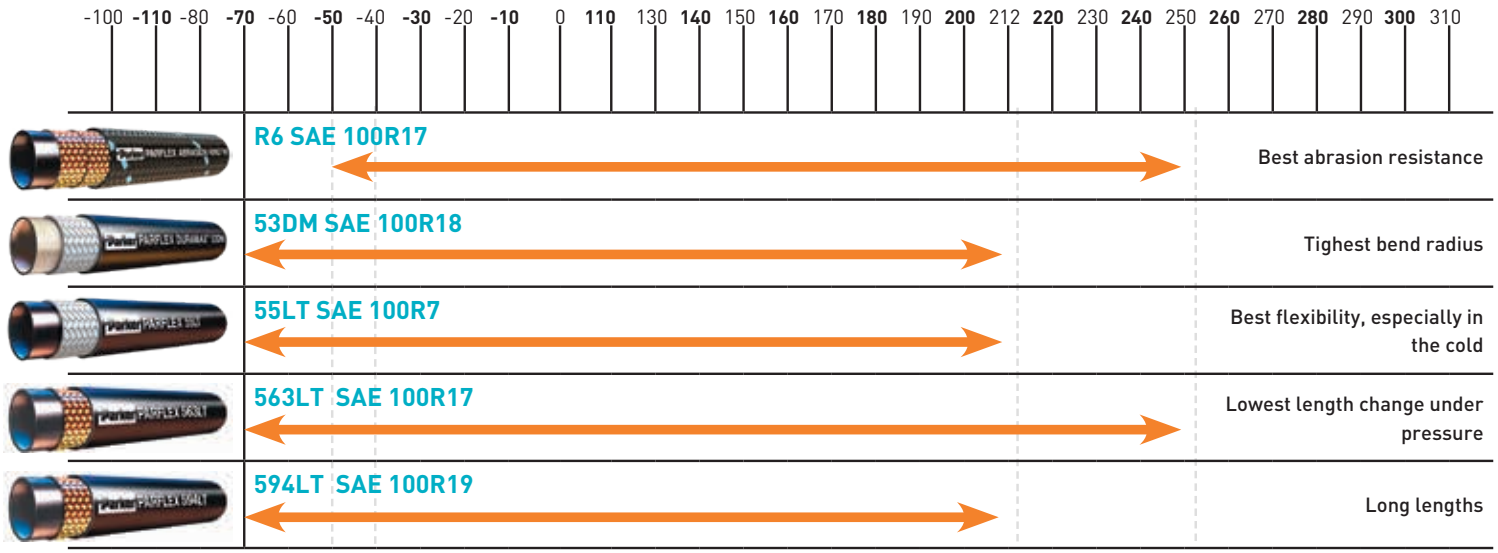
ENGINEERING YOUR SUCCESS.

Parflex Low Temp Hydraulic Hoses

Superior performance in cold temperatures

When it comes to better performance, flexibility is just as important in hose construction as it is in sports. But when it comes to "cold weather" performance, force to flex is not as important as hose construction. In the harsh temperatures of winter, the materials that the hose is constructed from can be a major contributor to hose failure. The cold temperatures coupled with UV rays dry out the core and jacket the embrittlement imparted into the materials results in cracks. The cold sluggish fluid can also add stress to the core and cause damage as well as low temperature fluids which are not compatible with all core materials.

For more than 30 years, Parflex thermoplastic hoses have proven that they can beat the elements and withstand the abuse of mobile equipment applications in harsh weather. Even in temperatures as low -70°F/-57°C, hose life is not comprimised and yet, when the heat of summer rolls back around, they easily handle those temperatures too.



*Temperature ranges are for standard hydraulic fluids.

	R6	53DM	55LT	563LT	594TJ
Ind. Std.	100R17	100R18	100R7	100R17	100R19; MSHA
-02	-	-	3,000 (207)	-	-
-03	-	-	3,250 (224)	-	-
-04	3,000 (207)	3,000 (207)	3,000 (207)	-	4,061 (280)
-05	-	-	2,500 (172)	-	-
-06	3,000 (207)	3,000 (207)	2,250 (155)	3,045 (210)	4,061 (280)
-08	3,000 (207)	3,000 (207)	2,000 (138)	3,045 (210)	4,061 (280)
-10	3,000 (207)	3,000 (207)	-	3,045 (210)	4,061 (280)
-12	3,000 (207)	3,000 (207)	-	-	4,061 (280)
-16	-	-	-	-	-

Features

- **Light weight**
  30% - 70% weight reduction over rubber hoses
- **Abrasion resistant**
  Tough, outer jacket
- **Compact O.D.**
  10% - 30% reduction over rubber hoses for easier routing without reducing flow
- **Clean core tube**
  Resistant to pin hole leaks
- **Low length change under pressure**
- **Noise reduction**
  Dampen chatter; minimize vibration
- **Low permeation**
- **Wide chemical compatibility**
- **Long lengths**
  Up to 1,000 feet
- **Bonded hoses**
  Reduce tangling and abrasion, up to 11 lines