

# HP Cables

## High Performance Control Cables & Hardware

Push-Pull Cables  
Universal Cables  
Positive Lock Cables  
Vernier Cables  
Tension Cables  
PTO Cables  
Valve Control Cables  
Hardware

### Features & Construction

#### Core Constructions

Hi-Performance (HP) 1 x 7 coated core is available in 3, 4 and 6 series cables. HP Core uses a proprietary coating over 1 x 7 wire rope. This construction offers improved flexibility, higher push loads than armor core construction. Solid stainless steel cores are available in 3 Series push-pull, universal, positive lock and PTO cables. Tension cables use a 1 x 19 HP coated core, while 8 series push-pull remains armor core.

#### Liners

All Felsted brand cables utilize polymer liners, available in standard HP cable construction at -65 to +225°F (-54 to +107°C), and HEFT 2 high temperature version at -65 to +300°F (-54 to +149°C). Factory lubrication provides optimum core performance without requiring further service.

*Note: With quick disconnect control head cables, though the conduit/core may be rated to +225°F or +300°F, the control head itself is not intended for these temperature ranges.*

#### Stranded Conduit

Multiple, oil tempered spring wires are placed in a long lay pattern to protect the liner and inner core, maintain flexibility, and withstand extreme compressive and tensile loads. This long lay construction results in minimal deflections during cable operation, assuring precise controlling action to the operator.

#### Conduit Jacket

Heavy duty, thick-walled polymer jackets are extruded onto the stranded liner for maximum cable strength. Standard HP Cable material is polymer molded to a dark maroon color. HEFT 2 jacket, used in high temperature applications, uses a nylon based material and is molded into a satin black color.

#### End Fittings

Corrosion-resistant materials are used throughout to provide maximum life. Standard 3, 4 and 6 series rods and sleeves are 300 series stainless steel, while hubs are either stainless or aluminum. The 8 series fittings are plated steel.

#### Seals & Boots

High-Performance seals are now standard! Durable custom compounded seals are used to prevent moisture and contaminants from entering the cable. The new Hi-Performance seals outperform all previous seals, and are now standard on all cables. The HP seals operate in all temperature extremes, while offering improved performance and efficiency. Tension cables use a durable tear-resistant silicone boot, designed for high cycle use and high temperature.

#### Rod & Sleeve Bearing

An exclusive polymer rod and sleeve bearing is used to improve efficiency, sealing and cable life by preventing metal-to-metal contact between the rod and sleeve. They also accurately align the rod with the seal to ensure superior sealing and a long cable life.



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For more information call

## 660.263.4377

Specifications subject to change without notice

