

Vecturon™

Hydraulic liner hanger

 Designed and built in Canada for Canadian wells

Key Features

- The one-piece, high-strength mandrel has no hidden connections.
- Two-step hanger actuation sequence (hydraulic then mechanical) precludes unintentional running tool release.
- Pressure is contained within the running tool when setting the hanger slips, preventing surge forces on the liner and formation and saving time and displacement fluid.
- The hanger slips are set prior to cementing for maximum reliability (no reliance on plug bumping).
- The large bypass flow area through the set hanger slips facilitates circulation and cementing.
- The mechanically set, expanding-metal, liner-top packer has a bonded elastomeric cover that will not swab off during circulation and cementing.
- The packer seal, hanger cylinder, and tieback seal are rated to 103.4 MPa (10,000 psi) at 125° C (257° F).
- A 10-ft floating-seal tieback receptacle is standard. A latching tieback receptacle is also available.

Available Sizes

Liner Size and Weight		Casing Size and Weight	
114.3 mm	17.26 kg/m–20.09 kg/m, and 22.5 kg/m	177.8 mm	34.23 kg/m–38.7 kg/m
114.3 mm	17.26 kg/m–20.09 kg/m, and 22.5 kg/m	177.8 mm	43.20 kg/m–47.6 kg/m
4.5 in.	11.6 lb/ft–13.5 lb/ft and 15.1 lb/ft	7.0 in.	23 lb/ft–26 lb/ft
4.5 in.	11.6 lb/ft–13.5 lb/ft and 15.1 lb/ft	7.0 in.	29 lb/ft–32 lb/ft

Dimensions and Ratings	
Hanger body maximum OD	148.6 mm (5.850 in.)
Hanger mandrel nominal ID	92.5 mm (3.64 in.)
Torque @upper-end fingers	13.6 kN-m (10,000 lb/ft)
Mandrel API burst strength, L-80	65.5 MPa (9,500 psi)
Mandrel API burst strength, P110	106.2 MPa (15,420 psi)
Mandrel API collapse, L-80	59.3 MPa (8,600 psi)
Mandrel API collapse, P-110	100.6 MPa (14,600 psi)
Mandrel tension strength, L-80	120,096 daN (270,000 lbf)
Mandrel tension strength, P110	188,595 daN (424,000 lbf)
Maximum slip hanging load	133,447 daN (300,000 lbf)

