

## QL

### Conventional sealbore packer

#### APPLICATIONS

- Vertical, deviated, or horizontal wellbores
- Sump packing in gravel-pack operations
- Permanent gravel-pack packing
- Permanent sealbore production or isolation packing

#### BENEFITS

- High running speed reduces rig time for packer installation and setting

#### FEATURES

- Dual-opposing, one-piece slips
- Full-circle, solid-metal backup system to prevent element extrusion
- Unique swab-resistant element
- Pin-down configuration to allow easy attachment of accessories
- Ability to be easily milled

The QL conventional sealbore packer is used as a production packer, gravel-pack packer, or a sump packer. The QL packer features the same upper latching profile as the QUANTUM\* gravel-pack packer.

#### Main features

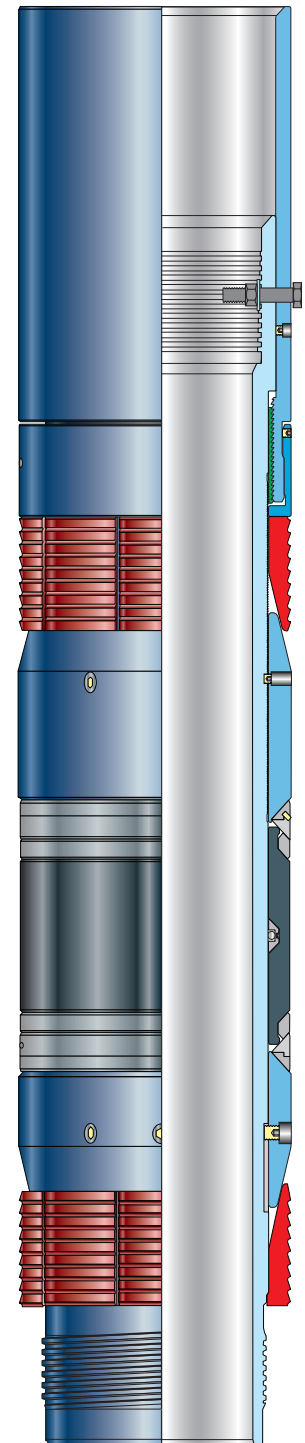
- Wireline- or hydraulic-set
- Permanent
- For use as a production, gravel-pack, sump, or isolation packer
- Exceeds ISO 14310 V3 standards

#### Fast running

This packer is designed for risk-free and fast running either on wireline or with a hydraulic-setting tool on drillpipe or tubing. QL packers may be run and set on wireline using an E-4 or equivalent pressure setting assembly. On drillpipe or coiled tubing, a hydraulic-setting tool is used.

#### Use in hostile environments

This is a tough, large-bore packer with a field-proven record. The QL packer is suitable for standard or H<sub>2</sub>S service and is also available in several alternate material configurations to withstand virtually any hostile environment. A full line of accessory equipment is



QL conventional sealbore packer.

#### QL Conventional Sealbore Packer Specifications

Casing Size, <sup>†</sup> in [mm]	Casing Weight Range, lbm/ft [kg/m]	Max. OD, in [mm]	Nominal ID, <sup>‡</sup> in [mm]	Max. Working Temperature, degF [degC]	Differential Pressure Rating, psi [kPa]
5.500 [139.7]	14–17 [20.83–25.30]	4.563 [115.9]	3.003 [76.3]	325 [163]	10,000 [68,948]
5.500 [139.7]	20–23 [29.76–34.23]	4.437 [112.7]	3.003 [76.3]	325 [163]	10,000 [68,948]
7.000 [177.8]	20–26 [29.76–38.69]	6.015 [152.8]	4.003 [101.7]	325 [163]	10,000 [68,948]
7.000 [177.8]	26–29 [38.69–43.16]	5.890 [149.6]	4.003 [101.7]	325 [163]	10,000 [68,948]
7.000 [177.8]	32–35 [47.62–52.09]	5.815 [147.7]	4.003 [101.7]	325 [163]	10,000 [68,948]
7.000 [177.8]	32–38 [47.62–56.55]	5.687 [144.4]	4.003 [101.7]	325 [163]	10,000 [68,948]
7.625 [193.7]	33.7–39 [50.15–58.04]	6.265 [159.1]	4.003 [101.7]	325 [163]	10,000 [68,948]
9.625 [244.5]	36–47 [53.57–69.94]	8.463 [215.0]	6.003 [152.5]	325 [163]	10,000 [68,948]
9.625 [244.5]	47–58.4 [69.94–86.91]	8.219 [208.8]	6.003 [152.5]	325 [163]	10,000 [68,948]

<sup>†</sup> Other sizes are available on request. Contact your local Schlumberger representative.

<sup>‡</sup> ID may vary depending on connecting configuration selected.