

Q-Selector™

Formerly SCJ

RGL's Q-Selector is a liner deployed flow control device (FCD) for new well completions with a simple inner port tube and an outer screen. The Q-Selector can improve the distribution into the target formation and control the inflow of produced fluids.

For injection, the Q-Selector provides choked flow and can be designed to allow for higher injection pressures, which may provide strategic fracturing of the reservoir sand for specific exploitation applications. For production, oil is preferentially produced over steam, water, and gas. Each Q-Selector is completed and custom designed with RGL's screen technologies, resulting in large openflow areas for optimal exposure to the reservoir.

The Q-Selector is manufactured in an API Q1™ Certified facility.

Features and Benefits

- Uniform inflow profile
- Drift ID bore access
- Improved recovery rates and production optimization
- Superior erosion, corrosion, and scale resistance
- Viscosity sensitive and insensitive nozzles; High-flowing velocity steam, water, or gas can be choked effectively by higher pressure drop

Applications

- Openhole standalone completions
- Secondary liner completions
- Production and injection wells requiring sand and flow control
- Production wells for steam, water, or gas breakthrough prevention
- Ideal for vertical, deviated and horizontal completions
- Suitable for high-temperature, high-pressure service during injection, production, and stimulation



Options

- RGL proLAB™ sand control lab testing and modelling
- RGL NALU™ flow control near-wellbore modelling and optimization
- RGL patented nozzle technologies
- Sand control options include proWRAP™, proPUNCH™, and proMESH™
- Zonal isolation packers
- Temperature sensing technology
- Hydraulic or mechanical shifting
- Shift-validation technology
- Field configurable



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Technical Specifications							
Description	4.5 in. (114.3 mm)	5 in. (127 mm)	5.5 in. (139.7 mm)	6.63 in. (168.23 mm)	7 in. (177.8 mm)	8.63 in. (219.08 mm)	9.63 in. (244.48 mm)
OD (Maximum)	5.00 (127.0)	5.563 (141.3)	6.265 (159.1)	7.39 (187.7)	7.875 (200.0)	9.625 (244.5)	10.625 (269.9)
ID (Minimum)	4.0 (101.6)	4.408 (112)	4.892 (124.3)	6.049 (153.64)	6.366 (161.7)	7.921 (201.2)	8.835 (224.4)
Maximum Length	492 (1250)	492 (1250)	492 (1250)	492 (1250)	492 (1250)	492 (1250)	492 (1250)
Number of Nozzles	Varies	Varies	Varies	Varies	Varies	Varies	Varies
Nozzle Options	FP	FP	FP	FP	FP	FP	FP

Notes: For reference only. Dimensions are subject to change.

Additional Product Information:

1. End field connections to suit customer application.
2. Screen length and specifications, as requested.
3. proWRAP™ sand control is standard.
4. Temperature rated for 650°F (343°C).
5. Tungsten Carbide nozzle technologies available.
6. Tools are rated for a 15°/100 ft (15°/30 m) bend.
7. Field-configurable: ports can be blanked on site prior to deployment.
8. Shiftable options available.

