

Elmar Enviro Wireline Grease Injection Control Head

Mitigate the risk of hydrocarbon release during well interventions. As the primary pressure control device, our Enviro™ grease injection control head is designed to create a seal around a moving wireline, giving positive protection and allowing intervention access to wells under pressure.

Designed to minimize environmental impact by ensuring the line wiper element is positioned for optimum wiping performance, the Enviro assembly maintains a clean working environment for operations and personnel around the wellhead.

Positioned at the uppermost point of the pressure control equipment string, the first Enviro grease injection control head on the market comprises of two major sub-assemblies, the Enviro combination stuffing box and line wiper and the flotube assembly.

The hydraulic stuffing box is designed to pack-off on a stationary wireline by means of a pack-off rubber, the hydraulic line wiper will wipe excess grease from a moving wireline.

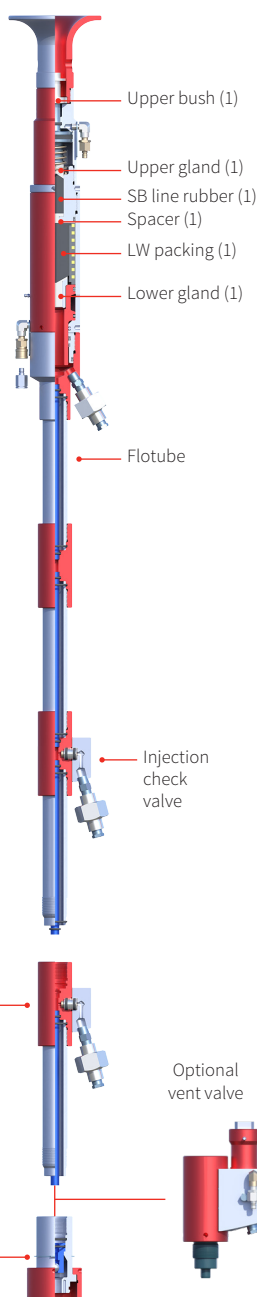
As standard the grease injection head is supplied with concentric flotube assemblies, made up of an inner flotube sized to fit tightly around the wireline and an outer sleeve to support the assembly.

The number of assemblies and injection points is dependent on expected well pressure and well fluids. Recommended flotube to wire clearance + 0.003 to 0.005 in. optimum 0.008 in. maximum.

To complete the Enviro grease injection control head, the assembly needs to be dressed with the appropriate line sized kit and flotubes.

The bottom connection can be mated to a quick-union, or a ball check valve/tool catcher combination.

Note: Parts included in line size Kit (1). Seal kit (o-ring and BURs) does not include line size kit parts.



Additional flotube and injection coupling assembly

Optional vent valve

Optional chemical injection sub

Optional cable cutter sub

Ball check valve

Options

Line sized kits to suit common wireline size
Specific flotubes sizes available to suit all measured wireline
Flotube Go-Nogo drift gauges
Dual grease injection

Low pressure waste grease hose
Stuffing box test plug and line wiper test spacer
Re-dress seal kit
Specialist hand tools

Features and benefits

- Ensure positive protection during well service operations
- Full material traceability and 3rd party independent approval covering API 6A, and NACE (for H₂S)
- 10,000, 15,000 and 20,000-psi working pressure and H₂S service
- 2-in. - 10 TPI connections throughout, allowing configurable flotube quantity
- Tulip to prevent wireline damage during pressure control rig-up
- Environmentally friendly minimising grease spillage
- Dual grease injection to either one flotube or separate flotubes
- Integral and replaceable check valve that eliminates well pressure return to the injection unit
- Replaceable manifold block that ensures integral check valve is fully protected
- Line sized parts manufactured from aluminium bronze to ensure no wireline damage
- Optimum sealing performance maintained with flotubes available in 0.001 in increments