

i-Flow™

i-Flow is a flow-activated flow-diversion tool used with coiled tubing (CT). When the tool is in neutral position, all the flow passes through the tool. The tool is activated at a preset flow rate which opens the side ports of the tool. The flow distribution through the tool and out the side ports can be adjusted for each application. A substantial reduction in the flow rate will deactivate the tool back to the neutral position. The tool may be used for displacing fluid, to help lift debris in the well (wiper trip after milling) while restricting downward flow. The i-Flow can also be used to create jets for washing purposes.

Features

- Restrict or shut off flow to the tools below
- Adjustable nozzles
- High flow capacity
- Acid, H₂S resistant

Benefits

- Can be used with flow-restricted tools (i.e., motor)
- Configurable setup (flow-activated)
- Enhances solids removal from the wellbore
- Can be used in harsh environments

Applications

- Perform wiper trips to remove milled solids in wellbore
- Clean valve profiles before latching and shifting
- Cut off flow to any flow-activated tools below the i-Flow

Technical Data

i-Flow	MUL in. (mm)	OD in. (mm)	ID in. (mm)	Temperature °F (°C)	Activation Pressure psi (kPa)	Threads
278	18.3 (464.82)	2.875 (73.03)	Adjustable ¹	350 (177)	Adjustable ¹	2.375 in. PAC Box x Pin

¹ Depending on the nozzle

