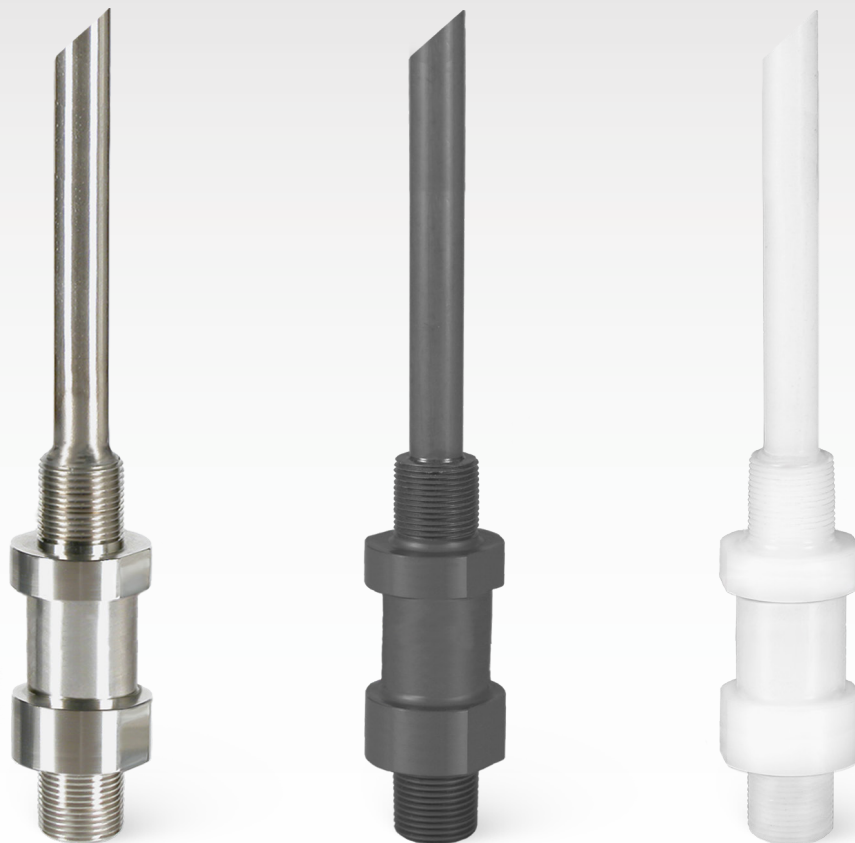


SENTINEL™

# INJECTION QUILLS



## Safely Deliver Chemicals Into Pipelines

Blacoh Sentinel™ Injection Quills are designed to safely and efficiently disperse chemicals into pipelines. Chemicals are injected directly and evenly into the center of the process flow away from the pipe wall and where flow velocity is highest. This direct injection into the center of the flow avoids chemical contact with pipe walls and ensures more even mixing with the process fluid. The integral spring loaded check disk prevents backflow of pressurized process fluid into the chemical feed when the pump is off or the chemical feed is disconnected.

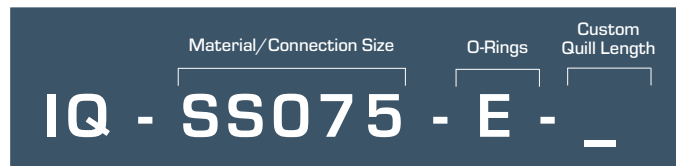
**BLACOH**™  
INDUSTRIES

# PROUDLY MADE IN THE USA



Blacoh Injection Quills are available with 0.50", 0.75" and 1.00" NPT connections in PVC, Polypropylene, PVDF and 316L Stainless Steel with standard 4" quills. Custom connections and quill lengths available on request. O-rings offered in EPDM or Viton.

## MODEL NUMBERS

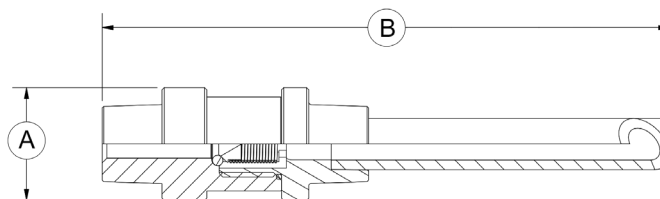


Choose from EPDM (E) or Viton (V) O-rings.

IQ-PVC050-__	IQ-PP050-__	IQ-PVDF050-__	IQ-SS050-__
IQ-PVC075-__	IQ-PP075-__	IQ-PVDF075-__	IQ-SS075-__
IQ-PVC100-__	IQ-PP100-__	IQ-PVDF100-__	IQ-SS100-__

For custom quill lengths add length in inches at the end of model number.

## DIMENSIONAL DRAWING



Connection	A	B
0.50" NPT	∅ 1.30" (∅ 33.0mm)	7.55" (191.7mm)
0.75" NPT	∅ 1.50" (∅ 38.1mm)	7.55" (191.7mm)
1.00" NPT	∅ 1.70" (∅ 43.2mm)	7.55" (191.7mm)

## SENTINEL™

Diaphragm Seals  
 Back Pressure & Pressure Relief Valves  
 Hybrid Combination Dampener & Back Pressure Valve  
 Calibration Columns  
 Injection Quills  
 Degassing Valves