

# BLACOH™

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## SURGE SHIELD™



With 60 years of experience,  
Blacoh introduces the next  
evolution of surge vessels.

**STANDARD: 25-500 GALLONS**

Custom: up through 40,000+ gallons

Surge Shield™ is the latest advancement of pump and pipeline protection from Blacoh. This innovative tank is specifically designed to address the challenging water hammer conditions found in your facility's piping system. With standard sizes for fit tight confined and limited visibility to other diverse applications, Surge Shield™ is made to give you the long term solution for remaining pump and piping integrity.



### INDUSTRIES & APPLICATIONS:

Chemical Process  
Petrochemical  
Industrial Process  
Wastewater/Potable Water  
Mining Process



**EXCEPTIONAL  
PERFORMANCE.  
RUGGED  
RELIABILITY.**

### ENGINEERED FOR THE ESSENTIALS

What causes surge or water hammer in a pumping system? The sudden closure of a valve with the pump running or the loss of power to the pump creates a dramatic change in pressure, which can often have dangerous and catastrophic results. Surge Shield™ can give and absorb the pressure energy change to keep your pump's piping safe and running smoothly. When coupled with Blacoh's patented SurgeWaves™ Transient Pressure Mitigating System, you have the comprehensive answer to slow what is happening in your system during a surge event and how to prevent it.