

# Flowrox Expulse™

**Flowrox Expulse™** is a flexible inline pulsation dampener, which quiets noise while settling pipeline pressure peaks and uneven flow. The design is based on a double hose structure with an expansive inner hose, reinforced outer hose and compressed air between the layers.

## SIMPLE AND EFFECTIVE

**Flowrox Expulse** absorbs up to 90% of pulsations.

Flowrox Expulse smoothes the process medium flow which minimizes pressure peaks and significantly reduces the pulsation effect. It also saves energy **up to 10 %** by temporarily storing it to the flexible inner hose and filler gas.

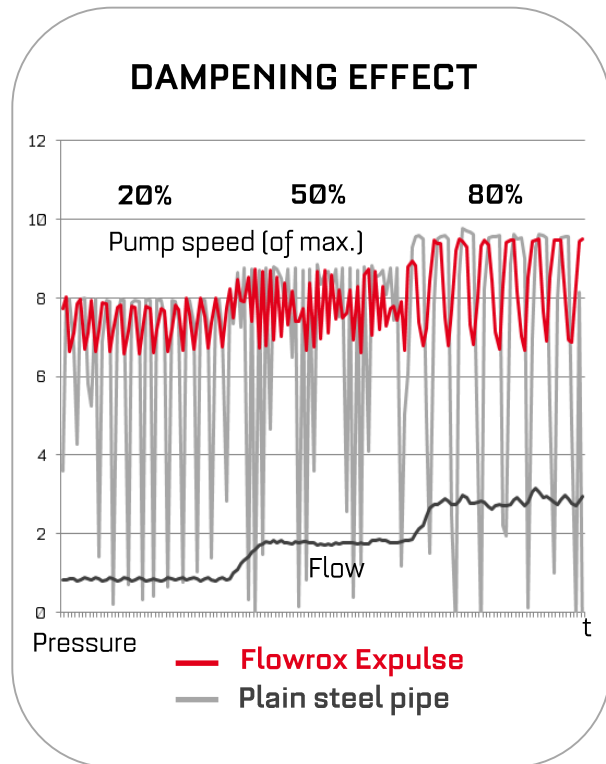
## PERFECT COMBINATION WITH A PULSATING POSITIVE DISPLACEMENT PUMP

Flowrox Expulse provides a flexible connection to the pump and compensates for possible misalignments of the pipeline. The dampener can also be easily removed to allow simple access for pump maintenance.

Flowrox Expulse is the perfect solution for any pulsating positive displacement pump. It can reduce hammering of the pipeline and pump to enable increased pump bearing and gearbox lifetime.

### Benefits in the process

- Stabilizes flow of the process medium and reduces noise
- Pulsation dampener and a connection hose combined
- Inline and full bore dampener structure
- Non-clogging and self-cleaning
- Tolerates misalignments in the pipeline
- Quick to install and easily replaceable spare parts
- Ease of assembly and maintenance to the pump due to flexible connection
- Saves energy up to 10%
- Corrosion resistance and wear resistance to viscous and abrasive fluids



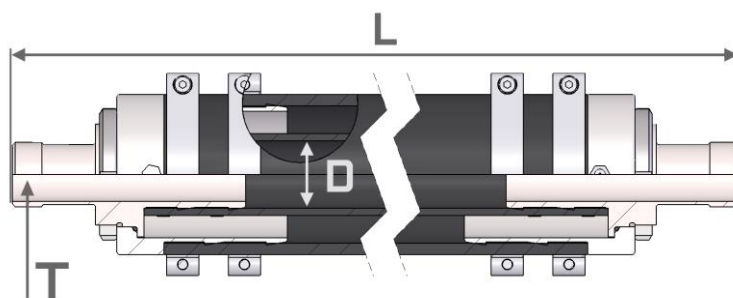
**FLOWROX**

Proven Performance

# PRODUCT SPECIFICATION

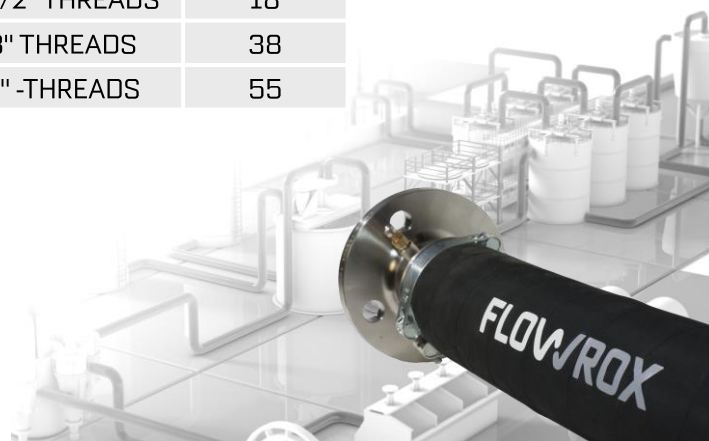
## TECHNICAL DATA

Size	DN32-DN100/ 1 ¼ "-4"
Hose material	EPDM as standard
Wetted parts	AISI316 and EPDM
Maximum pressure	10 bar
Maximum temperature	+ 95°C
Filling media between dampener hoses	Oil free compressed air
Standard features	Threaded ends
Auxiliaries	Flanges



Size (DN)	Length L	Inner diameter D	Threads T	Weight (kg)
32	1100	40	G1-1/4" THREADS	7
40	1100	50	G1 1/2" THREADS	11
50	1400	50	G2" THREADS	13
65	1500	76	G2 1/2" THREADS	18
80	1500	102	G3" THREADS	38
100	2900	102	G4" -THREADS	55

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