

Flare Knockout Tanks

Reducing Flaring Emissions and Lowering Tank Lifecycle Costs



Constructed from premium fiberglass and resin, Xerxes Flare Knockout Tanks relieve pressure from well-site separators by flaring gas, delivering a corrosion-resistant and structurally strong yet lightweight solution that requires virtually no maintenance, and can be moved and installed with ease.

4', 6', 8'

Tank Diameters

25, 50, 100

Tank Capacity, BBL

Maximum Operating Temperature:

Standard: up to 65°C
(150°F)

Design Pressure:

15 psi / 50 psi*

*50 psi design pressure currently
only available for 50 & 100 bbl
version

Tank Components:

- 3" pumpout assembly
- Insulated housing & frame
- Saddle assembly
- Heater support brackets
- Drip pan assembly
- Piping brace assembly
- Steel assembly

Optional Accessories:

- Purge valves
- Steel skid frame
- Proximity switch
- Level gauge
- Flex connectors
- Rupture disc & PVC gooseneck vent

Robust Composite Design

- Fully composite tank with a double wall design provides superior internal and external corrosion resistance
- Designed to outlast steel tanks for long term service in sour environments. Eliminates the need for protective coatings or liners.
- Withstand harsh oilfield and weather conditions
- Can be designed to fit existing facilities and piping
- Configured to order based on client needs

Logistics & Installation Benefits

- Lightweight, easier and safer to ship and install
- Preassembled and tested prior to site delivery
- Minimal site preparation, no costly inspections
- Modular skid design, movable and re-usable

Maintenance Benefits

- Corrosion resistant materials and double wall design technology results in reduced inspection intensity
- Easy to read visual leak indicator
- Reduces downtime and costs associated with recoating, confined space entry, cathodic protection, tank replacement

Environmental Benefits

- Composite materials & construction reduces the risk of corrosion related leaks when compared to steel equivalents
- Reduces liquids in the flare stream to improve combustion efficiency and reduce emissions

FLARE KNOCKOUT TANKS

Together as brands within Mattr's Composite Technologies segment, Flexpipe and Xerxes deliver highly-engineered solutions designed for durability, efficiency, and long-term performance. Both brands come together for a common theme: corrosion resistance. Flexpipe's non-metallic pipeline solutions integrate easily with Xerxes' fiberglass flare knockout tanks to create a composite system for gas handling at the wellsite.

The Flexpipe Difference

- In-house engineers dedicated to ensuring Flexpipe is suitable for your application to maximize service life
- Project planning, technical and field services support to ensure on-time delivery and world-class installation
- Contractor installation training allows customers better control over project timing, costs and completion

Tank Diameter	Nominal Capacity		Design Pressure	Configuration	Dimensions (ft/mm)		
					L	W	H
4 ft	25 bbl	1,050 gal 4,000 L	15 psi	Tank	12.1 / 3,690	5.5 / 1,665	5.5 / 1,665
				Skid	7.2 / 2,200	4.7 / 1,425	0.67 / 205
6 ft	50 bbl	2,100 gal 8,000 L	15 or 50 psi	Tank	12.1 / 3,690	7.5 / 2,280	8.3 / 2,520
				Skid	6.7 / 2,045	6.5 / 1,980	0.8 / 250
8 ft	100 bbl	4,200 gal 16,000 L	15 or 50 psi	Tank	12.7 / 3,865	9.4 / 2,860	10.1 / 3,080
				Skid	12.9 / 3,935	9.6 / 2,940	0.67 / 205

Tank Diameter	Design Pressure	Tank Weight (lbs/kg)		Skid Weight (lbs/kg)
		Dry	Wet	
4 ft	15 psi	1,650 / 750	142,230 / 5,550	440 / 200
	50 psi	3,085 / 1,400	25,960 / 11,320	770 / 350
6 ft	15 psi	3,970 / 1,800	25,840 / 11,720	930 / 420
	50 psi	4,410 / 2,000	46,070 / 20,900	930 / 420
8 ft	15 psi	6,180 / 2,800	47,840 / 21,700	
	50 psi			



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