Chemical Dosing Technologies

POLYETHYLENE DOSING TANKS

PRODUCT DATA SHEET • STANDARD & MIXER SERIES

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Page: 1 / 1

General Description

Fildos high-density polyethylene (HDPE/LLDPE) dosing tanks are designed for the safe storage and dosing of liquid chemicals in water treatment plants, chemical industries, and industrial processes. Thanks to its UV stabilized structure, it is suitable for both indoor and outdoor use. The thick wall structure and seamless monoblock body provide excellent leak-tightness and high mechanical strength.

Key Features

- Seamless, monoblock rotational molding
- Translucent body with level indicators
- Full resistance to corrosion & chemicals
- Food-grade compliance (LLDPE)
- Reinforced mixer connection platform

Standard Dosing Tank Dimensions and Capacities

Model Code	Capacity (Liters)	Diameter (mm)	Height (mm)	Lid Diameter (mm)	Material
FT-50 DS	**50**	380	480	100	UV Stabilized PE
FT-100 DS	**100**	470	650	100	UV Stabilized PE
FT-100 DS.2	**100**	380	850	100	UV Stabilized PE
FT-200 DS	**200**	600	850	100	UV Stabilized PE
FT-300 DS	**300**	600	1150	100	UV Stabilized PE
FT-300 DK	**300**	600	1200	350	UV Stabilized PE
FT-350 DS	**350**	820	770	350	UV Stabilized PE
FT-600 DS	**600**	820	1350	350	UV Stabilized PE
FT-1150 DS	**1.150**	1250	1100	400	UV Stabilized PE

Mixer Mounted Tank Features (Agitator Series)

The 200 L and 350 L capacity models allow the direct installation of electric dosing mixers (agitators) thanks to their reinforced flat top surfaces. Systems equipped with mixers are ideal for homogeneous solution preparation processes.



Mechanical Specifications

Top Surface	Reinforced Thickness
Mounting Type	Vertical Flange Connection
Tank Body	Vibration Dampening
Operating Temp.	-5°C to +60°C

Mixer Options

Motor Power	0.18 kW - 0.37 kW
Rotational Speed	70 rpm - 1400 rpm
Shaft & Impeller	AISI 316 / PVC / PP
Power Supply	220V 1-Phase / 380V 3-Phase