

# FRP VESSELS

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## COMPOSITE VESSELS

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### **N.P.T GROUP NHAN PHONG THAI CO., LTD.**

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Email: [sales@npt-group.com](mailto:sales@npt-group.com), [engineering@npt-group.com](mailto:engineering@npt-group.com)

## **Product Description:**

FRP Vessels are a product which is applied in many industrial fields because of its qualification and high quality. We offer you our type of tanks & vessels such as Storage Tanks, Chemical Vessel, Silos, Transportation tanks, Reaction vessels, Gas Scrubber, absorber etc, which are widely applied in chemical, foodstuff, electrical plating, water treatment industries. All vessels are built to industry standards.

## **Construction:**

Diameters from 0.5m to 4.5m. Polyester, vinyl ester, novalac vinyl ester, and other resin systems including fire retardant resins. E-Glass, Nexus, and other synthetic veil interior surface liner systems. Hand lay-up, chop, chop-hoop, and filament wound constructions. Exterior surface treatments including a resin rich topcoat, pigmented gel coat, C-Glass veil, Nexus veil, or other synthetic veils. Operating temperatures up to 220 deg F depending on the resin system selected. Cylindrical vertical or horizontal with flat, cone, dished or sloped bottom & tops. Rectangular Vertical or Horizontal, Insulated, gel-coated, heat traced.

## **ACCESSORIES:**

Fiberglass accessories to customer requirements including:

- Spargers
- Distributors
- Baffles
- Legs or Skirt Support
- Nozzles with Plate or Conical Gussets
- Lifting & Hold Down Lugs
- Ladders, Cages & Platforms
- Level Gauges

Steel accessories to customer requirements including:

- Ladders, Cages & Platforms
- Lugs & Clips
- Agitator Supports

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## FRP Tanks for Applications of Industrial Fields



Model	Volume (m3)	Diameter ( $\Phi$ mm)	Shell High (mm)
0.5	0.5	800	1,070
1	1	1,000	1,300
1.5	1.5	1,000	1,950
2	2	1,200	1,800
3	3	1,500	1,700
5	5	2,000	1,600
6	6	2,000	1,910
8	8	2,000	2,550
10	10	2,000	3,200
15	15	2,500	3,100
20	20	2,500	4,100
30	30	3,000	4,250
40	40	3,000	5,700
50	50	3,800	4,450
60	60	3,800	5,300
75	75	3,800	6,650
100	100	4,000	8,800
120	120	4,000	10,500

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## FRP Vessel Package for Pure Water Treatment, Drinking and Softener.



Model	Dimensions (Φ*H) inch	Top mount thread	Volume ( L )	Type
942	9 x 42	2.5"	36	Vertical
1047	10 x 47	2.5"	54	Vertical
1248	12 x 48	2.5"	80	Vertical
1452	14 x 52	2.5"	106	Vertical
1454	14 x 54	2.5"	115	Vertical
1465	14 x 65	2.5"	148	Vertical
1665	16 x 65	2.5"	194	Vertical
1853	18 x 53	4"	211	Vertical
1865	18 x 65	4"	267	Vertical
2153	21 x 53	4"	253	Vertical
2162	21 x 62	4"	330	Vertical
2472	24 x 72	4"	491	Vertical
3072	30 x 72	4"	674	Vertical

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