

HDPE liner with FRP reinforced outer shell

### Features:

1. Pressure tanks are made of high performance Composite material with FRP filament winding.
2. All pressure tanks are made by a complete seamless molding technology.
3. All thread inlet made from 30% glass filled PP provides higher strength, temperature and pressure limits.
4. Liner wall thickness available from 3.0mm to 8.0mm corresponding to the tank diameter.
5. Full choice of pressure tank from 6"-16" in diameter and from 10"-65" in height.
6. Top opening type, Top and bottom opening type available for all series pressure tanks.
7. Reinforced composites are one third the weight of steel tanks.
8. All pressure tanks are 100% rustproof and corrosion resistant.
9. Scientific structure insure the base can endure impact and abrasion and provide better performance.
10. Nice appearance, accordant dimension.



### Nikom FRP tank Structural Integrity Performance Testing

Hydrostatic Pressure Test		Burst Pressure Test		Cyclic Pressure Test	
NSF/ANS1 44-2004	NIKOM	NSF/ANS1 44-2004	NIKOM	NSF/ANS1 44-2004	NIKOM
2070 kPa (300 psig for 15 minutes)	2480 kPa (360 psig for 15 minutes)	3450 kPa (500 psig water tight)	4140 kPa (600 psig water tight)	0-1040 kPa (0-150 psig) 100000 cycles	0-1040 kPa (0-150 psig) 110000 cycles

### Operation Condition

Operation Pressure:150Psi (10.5Bars)

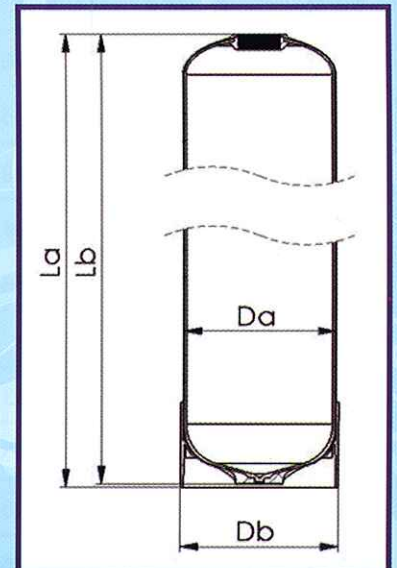
Operation Temperature:122° F (50° C)

### Test

250,000 times of cycle test from 0-150psi withstanding pressure.(NSF's requirment is 100,000 times)  
Burst test to FOUR times of its operating pressure.(600 Psi)

### Colour for choice

- Basicly we provide 4 colors for your choice: Natural(Standard),Black, Blue and Grey.
- Other custom color is available on request
- Nikom also produces a special colored liner which is completely opaque to sunlight pass through and provides solution to Algae and micro-organism growth in side the tank due to hot and humid weather



### Accessories :



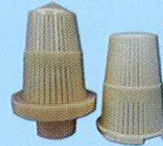
56 A Valve



MV 5 Valve



Fleck 5600 Valve  
(Automatic)



Strainer  
(All Size)



Valve Connector



Pressure Water  
(Plastic/ Oil)

### Nikom Pressure Tanks Specification

Tank Size Inchs	Volume		Weight (Kg) W/O base	Opening		Base	Dimensions(mm)			
	L	Cu.ft.		Top	Bottom		La	Lb	Da	Db
05*20	4.5	0.159	1.38	2.5"-8-NPSM	N/A	Standard	515	515	122	128.5
07*13	6.3	0.223	1.2	2.5"-8-NPSM	N/A	Standard	335	331	181	190
07*17	8.5	0.3	1.45	2.5"-8-NPSM	N/A	Standard	437	432	181	190
07*35	19.1	0.675	2.68	2.5"-8-NPSM	N/A	Standard	896	891	181	190
07*44	24.3	2.68	3.4	2.5"-8-NPSM	N/A	Standard	1123	1118	181	190
08*15	9.3	0.859	1.48	2.5"-8-NPSM	N/A	Standard	385	381	205	215
08*17	10.5	0.329	1.95	2.5"-8-NPSM	N/A	Standard	437	432	205	215
08*35	23.6	0.371	3.7	2.5"-8-NPSM	N/A	Standard	897	891	205	215
08*44	31.3	0.834	4.1	2.5"-8-NPSM	N/A	Standard	1122	1118	205	215
09*35	31.6	1.106	4.1	2.5"-8-NPSM	N/A	Standard	898	891	232	242
09*42	38.5	1.117	4.62	2.5"-8-NPSM	N/A	Standard	1074	1067	232	242
09*48	44.6	1.36	5.3	2.5"-8-NPSM	N/A	Standard	1228	1221	232	242
10*15	14	1.576	1.98	2.5"-8-NPSM	N/A	Standard	384	381	255	268
10*17	16.5	0.495	2.45	2.5"-8-NPSM	N/A	Standard	434	431	255	268
10*35	38.3	1.353	4.34	2.5"-8-NPSM	N/A	Standard	893	891	255	268
10*44	48.8	1.724	5.6	2.5"-8-NPSM	N/A	Standard	1121	1118	255	268
10*54	61	2.155	7.1	2.5"-8-NPSM	N/A	Standard	1381	1378	255	268
11*35	46.7	1.65	4.95	2.5"-8-NPSM	N/A	Standard	903	891	283	295
11*44	59.8	2.113	6.06	2.5"-8-NPSM	N/A	Standard	1130	1118	283	295
12*52	84.7	2.993	7.59	2.5"-8-NPSM	N/A	Standard	1338	1324	307	315
13*44	84.8	2.996	7.2	2.5"-8-NPSM	N/A	Standard	1145	1131	335	349
13*54	105.7	3.735	9.52	2.5"-8-NPSM	N/A	Standard	1398	1384	335	349