



Fiberglass Corrosion Products



Chemical Storage Tank

Ventilation Systems-HVAC

Ducting, Covers & Hoods

Tanks & Vessels

Pipe & Pipe Systems

Protectolite™ FRP is a tough, durable, impact resistant, light weight composite fiberglass material that withstands the aggressive chemical action of corrosive substances used in industrial sites around the world.

Protectolite™ offers:

- Custom Fabrication
- Factory Duct Spool
- Flexibility
- Reliability
- Quality

Industrial Applications

- Agriculture
- Air Pollution Control
- Brewing & Distillery
- Caustic & Chlorine
- Chemicals
- Dairy & Food Processing
- Electroplating & Pickling
- Effluent Lines
- Fertilizers
- Fisheries
- Food & Beverage
- Gas & Electric
- Heating, Plumbing & Air Conditioning
- Hospitals
- Material Handling
- Metal Finishing
- Petrochemicals
- Pigments & Dyes
- Pulp & Paper
- Rubber
- Soap & Detergent
- Solvents & Organic Chemicals
- Textiles
- University & Industrial Laboratories
- Water Treatment
- Waste Water Treatment



Aeration Pipe



Fume Hood



Ducting



Chemical Storage Tanks



Large Diameter Ducting



Tank: top view showing ladder

Construction

Custom sizes available upon request

Tank Styles

- Conical Bottom
- Sloped Bottom
- Horizontal Cylindrical
- Vertical Cylindrical
- Rectangular
- Dished Bottom
- Regular
- False Bottom
- Open Top

Tank Accessories

- Nozzles
- Man-holes
- Vents
- Flange Pads
- Site Glasses
- Inspection Windows
- Mixer Supports
- OSHA Compliant Safety Cage
- Ladders
- Baffles
- Interior Packing
- Observation Ports
- Louvers
- Dampers
- Lifting Lugs
- Hold Down Lugs
- Swing Arms

Insulation and Heat tracing can be provided for all Protectolite™ tanks and vessels.

Protectolite™ DUCT Dimensions (inches)

I.D. Inches	Wall Thickness (Min.) Inches	Allowable Vacuum Inches of Water	Allowable Pressure Inches of Water
2	0.125	405	750
3	0.125	405	500
4	0.125	210	410
6	0.125	64	350
8	0.125	30	180
10	0.125	16	340
12	0.125	9	280
14	0.125	7	220
16	0.125	6	290
18	0.125	5	240
20	0.125	5	190
24	0.187	9	140
30	0.187	7	100
36	0.187	5	70
42	0.250	10	120
48	0.250	9	100

Capacities for Tank Diameters Per Each One Foot of Straight Shell Length

Diameter	US Gallons Capacity	Metric Capacity
1'	6	23
1'6"	13	49
2'	24	91
2'6"	37	140
3'	53	201
3'6"	72	273
4'	94	356
4'6"	119	450
5'	147	556
5'6"	178	674
6'	212	803
6'6"	248	939
7'	288	1090
7'6"	331	1253
8'	376	1423
8'6"	424	1605
9'	476	1802
9'6"	530	2006
10'	588	2226
10'6"	648	2453
11'	712	2695
11'6"	776	2937
12'	848	3210
12'6"	916	3467
13'	992	3755

Ventilation

- Hoods and Covers
- Stacks and Towers
- Scrubber System Components
- Exhaust Ductwork:
 - Rectangular
 - Round
 - Buried
 - PVC Lined
 - Pre-spooled

Benefits of Protectolite™ Products

- Lightweight
- Cost competitive
- Low installation costs
- Proven longevity
- Custom fabrication means all Protectolite™ systems can meet your design specifications



Stanley Launder Cover



Stan-Deck Flat Clarifier Cover



Density Current Baffles

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Notched Weir Plates