Sheets & Profile systems

PVDF Sheets

NovaKyn PVDF Sheets made from a pure thermoplastic fluoropolymer. PVDF maintains its useful mechanical and chemical resistance properties at temperatures up to 150°C (300°F). An additional advantage is that PVDF can be welded into tanks for acid and corrosive chemical processing in elevated temperature environments. PVDF is rigid and resistant to creep under mechanical stress and load. PVDF is stable to sunlight, and other sources of ultraviolet radiation. It is generally used in applications requiring the highest purity, strength, and resistance to solvents, acids, bases and heat and low smoke generation during a fire event.

Standard Sizing

NovaKyn PVDF sheets are available in the following and variations:

Thickness (mm)	Width x Length (m)	Packing
2	1.5 x 2.5 1.5 x 3	1 no / roll
3		
4		
5		
6		
10	1 x 2	
12		

Colours

Natural ☐

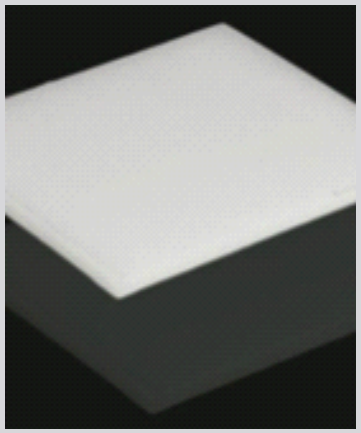
Embossing / designs also available.
Refer page no <fabric backed>

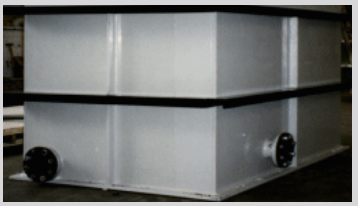



Features

- Mechanical strength & toughness
- High thermal stability
- High dielectric strength
- Exceptional outdoor weather resistance
- Total inertness to UV radiation
- Low permeability to most gases & liquids
- Low flame & smoke characteristics
- High abrasion resistance
- Very low creep; High purity
- Resistance to most chemicals & solvents (PH1 to PH14)
- Resistance to nuclear radiation
- Fungi resistant

NovaKyn





Typical applications

- Chemical tanks and vessels
- Glove Box for use in Nuclear Industry
- Control cabinets and panels
- Equipment for corrosive environments
- Fume Scrubbers & FRP Applications
- Vessel Lining
- Valve and Pump Housing
- Fire retardant applications
- Paper industry
- Bleach Washer Lines
- Deionized Water Handling
- Bromine Handling
- Specialty Chemicals
- Insecticides Plants
- Chloro Alkali Plant