

Jiangsu FreChem Co., Ltd

PVDF Sheet

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Introduction :

PVDF has good chemical resistance, dimensional stability, aging resistance, processability and fatigue and creep resistance, with higher than the same Teflon stiffness and pressure capacity to meet the 150 °C long-term use.

PVDF plate is the material of choice for the lining of chemical equipment, fluid handling pipes and other equipment, but also one of the best materials for storage tanks and heat exchangers. Its good performance makes the lining of the equipment to meet the requirements of TOCS and flame retardant, PVDF has been widely used in the semiconductor industry, high purity chemicals storage and transportation process.

Purpose:

Can be used for metal reactors, metal chemical containers anti-corrosion lining.

Environmental protection industry, FRP reactor lining.

For enamel reactor crack plastic lining.

For pipeline anti-corrosion lining.

Laboratory anti-corrosion desktop.

Semiconductor industry workshop anti-corrosion applications, such as pickling tank.

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Properties:

Good chemical resistance (up to pH 11) and hydrolysis resistance.

Excellent hydrophobicity, smooth surface, low coefficient of friction.

At temperatures between -30 ° C and 150 ° C, good dimensional stability and corrosion resistance can be maintained.

Good mechanical properties, good aging resistance, UV resistance, beta and gamma rays.

Easy welding, thermoforming and other machining.

Insulation resistance, high dielectric strength, low flammability.

Specification:

Thickness(mm)	Width*Length(mm)	Material	Strength of extension(Mpa)
1-8	1000*2000	PVDF	50
8-10	1020*2040	PVDF	50
10-20	1020*2040	PVDF	50
20-30	1020*2040	PVDF	50
30-50	1020*2040	PVDF	50