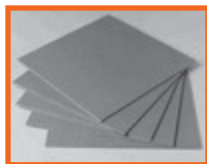


CPVC Corzan® Sheet



PVC-C CORZAN® Industrial Grade sheet is a high heat, corrosion resistant chlorinated polyvinyl chloride sheet (CPVC). Because of its excellent corrosion resistance at elevated temperatures, it is ideally suited for self-supporting constructions where high temperatures are a concern. It can be used (depending on chemistry) up to 210° F. It is available in 4' x 8' sheets in thickness up to 3".



Notes:

- Meets ASTM D-1784-99 Type IV Grade II Class 24446-B.
- Meets ASTM E 84 Flame Spread Rate 20.
- Maximum application temperature 200°F.
- Custom lengths, sizes, and special requirements available upon request.

Applications:

- Chemical processing temperatures up to 200°F
- Machine flanges
- Valves
- Acid tanks
- Linings

Features:

- Easily to fabricate, weld or machine
- Color consistent
- Excellent impact strength, high temperature
- Excellent chemical and corrosion resistance

PART NUMBER	THICKNESS (IN.)	WEIGHT PER SHEET (LBS)
CPVC - 4' X 8'		
S180211	1/8	32.50
S180311	3/16	48.75
S180411	1/4	65.00
S180511	3/8	97.50
S180611	1/2	130.0
S180711	3/4	195.0
S180811	1	260.0
S180911	1 1/4	325.0
S181011	1 1/2	390.0
S181111	2	520.0
S181211	3	780.0

CPVC SHEET TECHNICAL DATA

	ASTM TEST METHOD	UNIT	TYPICAL VALUE
PHYSICAL			
Density	D-792	g/cm ³	1.47
Water Absorption (24 hrs @ 73 °F)	D-570	%	0.03
MECHANICAL			
Tensile Strength	D-638	PSI	7,300
Flexural Modulus	D-638	PSI	361,000
Flexural Strength	D-790	psi	14,300
Compressive Strength	D-695	psi	10,100
Compressive Modulus	D-695	psi	196,000
Izod Impact	D-256	ft. lbs./in.	9
Rockwell Hardness	D-785	"R" scale	116
THERMAL			
Heat Distortion Temperature at 264 psi	D-648	°F	198
Coefficient of Thermal Expansion	D-696	in./in. °F	3.86 x 10 ⁻⁵
ELECTRICAL			
Volume Resistivity	D-257	ohm·cm	3.4 X 10 ¹⁵
FLAMMABILITY			
Flammability	UL94	V-O, 5VB, 5VA	0.062"

