



CPVC

PIPING SYSTEMS

COZAN PVDF



CPVC

PIPING SYSTEMS



Chemical Resistant



Thermal Resistant



Strong & Durable



Crack Resistant



Light Weight



Easy to Join



Low Maintenance



FDA Compliant



Dimensional Strength

CPVC (chlorinated poly (vinyl chloride)) is a thermoplastic produced by chlorination of polyvinyl chloride rigid, which can stand higher temperatures than PVC. CPVC is a widely used thermoplastic piping system across diverse industries. It is rigid, versatile, and suitable for both above-ground & ground installations. It has excellent chemical resistance harder inner surface with a smoother finish, making it extremely ideal for usage in various industries. CPVC is permanently UV Stabilized and can withstand temperature extremes of 0 deg.C to 93 deg.C, available in Schedule 40 and schedule 80 configurations.

Technical Information

			PVC	CPVC
Specific gravity (p)	ASTM D792	g/cm ³	1.36	1.52
Max. Permissible service temp	-	°C	-15 to 60	-15 to 85
Tensile strength at yield (σ _S)	ASTM D638	Mpa	52	57
Elongation at break (ε _R)	ASTM D635	%	≥10	≥15
Impact strength (a _n)	ASTM D256	kJ/m ²	No Break	No Break
Flexural strength (σ 3.5%)	ASTM D790	Mpa	90	90
Modulus of elasticity (Et) @ 73°F	ASTM D635	Mpa	3000	2700
Coef. of linear therm. expansion (α)	ASTM D635	K ⁻¹ X 10 ⁻⁴	0.8	0.6
Volume resistivity	VDE 0303		≥10 ¹⁵	≥10 ¹⁵

Applications

DM Water Plants | Chemical Industries | Acids | Caustic & Chlor-alkali | Pulp & Paper | Electroplating industries
Offshore Oil Exploration

CPVC



Pipes

Range : 20 - 160 mm
Standards : ASTM F441
Color : Dark Grey



Fittings

Range : 20 - 200 mm
Standards : ASTM F439
Color : Dark Grey



Specials

Range : 16 - 260 mm
Color : Dark Grey



Corporate Office

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