

 HASS PIPE

# U-PVC COLUMN PIPES



## U-PVC HEAVY DUTY COLUMN PIPES (UP TO 270M)

Hasspipe U-PVC Heavy Duty column pipes are specifically engineered for the most demanding deep well applications. Designed for depths up to 270 meters, these pipes provide the maximum tensile strength required to support heavy submersible pumps and handle high-pressure water columns in industrial-scale extraction.

### Maximum Durability for High-Load Pumping Systems

When your project exceeds standard limits, our heavy duty pump column pipes offer the ultimate safety and operational stability. With a significantly reinforced wall structure, these pipes are built to withstand extreme mechanical stress and tensile forces encountered in 270m deep well pipes.

*Why Choose the Heavy Duty 270m Series?*

- **Ultimate Tensile Strength:**  
Engineered to support the combined weight of the water column and high-capacity submersible pumps.
- **High-Pressure Performance:**  
Specialized high-pressure riser pipes that maintain integrity under constant deep-well operation.
- **Corrosion-Free Performance:**  
100% resistant to rust and aggressive groundwater, ensuring a long service life even in harsh chemical environments.
- **Secure Threaded Connections:**  
Precision-machined joints ensure a leak-proof system and perfect vertical alignment, crucial for deep well safety.

### The Professional Choice for Industrial and Deep Well Drilling

Manufactured under rigorous ISO 9001 standards, Hasspipe high strength PVC column pipes are the industry benchmark for reliability. For large-scale industrial projects and high-load pumping systems, our Heavy Duty series provides the peace of mind and technical excellence required for the world's deepest groundwater challenges.

*When calculating pressure, what matters is not the depth at which the pipe is installed in the well, but the total manometric height the pump must lift.*

**Heavy Duty Column Pipes 270 Mt.**

Pipe Series	Outer Diameter	Nominal Diameter		Safe Pump Height	Safe Hydrostatic Pressure	Safe Tensile Load	Breaking Load
	mm	inch	mm	m	kg/cm <sup>2</sup> Bar-Atü	kg	kg
heavy	42	1 1/4"	32	270	27	1700	2900
	48	1 1/2"	40	270	27	2300	3900
	60	2"	50	270	27	2850	4800
	75	2 1/2"	65	270	27	4200	7100
	88	3"	80	270	27	5850	9900
	113	4"	100	270	27	9700	16500
	140	5"	125	270	27	14100	24000
	165	6"	150	270	27	24100	41000

*The sizing information for the Heavy Duty series column pipes is comprehensively detailed in the table below to ensure proper selection according to system requirements.*