

# Technical data sheet : PVC-U Pressure Pipes

## PVC-U PRESSURE PIPES FOR DRINKING WATER

Raw material : **Unplasticized polyvinyl chloride PVC-U**  
Standards : **NM ISO 1452-2**

- Description**
- Dark gray PVC-U pipes for the supply and distribution of pressurized drinking water.
  - Length: 6-meter bars, others on request

- Application :**
- *Construction of water supply networks*
  - *Drinking water supply*
  - *Sprinkling and irrigation*

**Marking**

ALMA PVC-U DN Ep PN NM ISO 1452-2 DATE ET HEURE

→ Tubes comply with **NM ISO 1452-2 standards**, with a socketed female joint or socketed female joint and a chamfered male end.

**Dimensional characteristics**

DN/OD	PN 6	PN 10	PN 16
mm	Ep.	Ep.	Ep.
63	2,00	3,00	4,70
75	2,30	3,60	5,60
90	2,80	4,30	6,70
110	2,70	4,20	6,60
125	3,10	4,80	7,40
140	3,50	5,40	8,30
160	4,00	6,20	9,50
200	4,90	7,70	11,90

**Mechanical and physical properties :**

Density	Kg/m <sup>3</sup>	1350-1460	ISO 1183
Stress at break	MPa	≥ 45	ISO 6259
Elongation at break	%	≥ 80	ISO 6259
Vicat point	°C	≥ 80	ISO 2507
Longitudinal shrinkage	%	≤ 5	NM ISO 2505
Gelation		PAS D'ATTAQUE	ISO 9852
Impact resistance		TIR ≤ 10	EN 744
Internal pressure resistance at 20°C		Minimum resistance: 1H	
Internal pressure resistance at 60°C		Minimum resistance: 1000H	NM ISO 1167
Joint tightness		ETANCHE	EN 1277

