

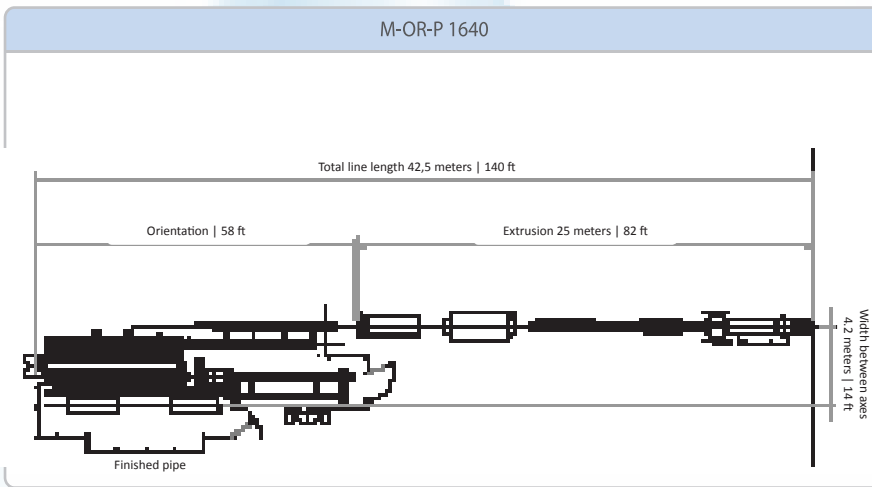
The Genuine Air Technology to achieve the most of PVC-O pipes

# M-OR-P 1640

## The greater range of diameters and pressures

The M-OR-P 1640 technology makes pipes for the supply of potable water under pressure in cities and secondary networks, for urban and industrial applications, reclaimed water systems, fire networks and irrigation, for the private and public sector.

### Lay-out



- **Diameter:** from DN 90 mm to DN 400 mm / 4" to 14"
- **Pressure:** PN 25 bar / (365 psi) or 305 psi (21 bar)
- **Socket system:** integrated or ISS+
- **Orientation degree:** Class 500
- **Output:** 3,000 Tons / year

### Standards

M-OR-P 1640								
ISO	AS/NZS	ASTM		AWWA	CSA		NBT	SASO ISO
16422	4441	1483-05		909-09	B137.3.1		15750	16422
DN mm	DN mm	DN inch		DN inch	DN inch		DN mm	DN mm
		IPS	CIOD	CIOD	IPS	CIOD		
90	90							90
110	100	4"	4"	4"	4"	4"	100	110
125								125
140	150						150	140
160		6"	6"	6"	6"	6"		160
180								180
200							200	200
225	200	8"	8"	8"	8"	8"		225
250	225						250	250
280	250	10"	10"	10"	10"	10"	300	280
315								315
355	300	12"	12"	12"	12"	12"	350	355
400		14"	14"	14"	14"	14"		400

# Molecor<sup>®</sup>, leader in the development of technology for PVC-O pipe production



Molecor<sup>®</sup> is a leader company specialized in the development of the latest technology applying **molecular orientation** to pipeline solutions with astonishing mechanical properties.

Molecor<sup>®</sup> TECH offers the **technology for PVC O pipe manufacturing** adapted to any specific need, technical requirement and market standard.

For that purpose, Molecor<sup>®</sup> builds long term relationships with its clients to back up every phase of the project, before, during and after the industrial technology implementation.

## Overcoming technologicas walls

Molecor<sup>®</sup> Technology manufactures **class 500 PVC-O pipes**, the highest, in line with the extrusion line, achieving the best mechanical properties in a **cost efficient process** and the **maximum savings**, of around 50%, according to specific local criteria.

The improved mechanical properties of the PVC-O allow its production with **lower consumption of raw material** versus pipes with the same requirements of working pressure.

- **Efficiency and productivity:** air system.
- The **highest product range**.
- Continuous **technical service**.
- Maximum **savings** in costs: class 500.
- **Compatible** with conventional extruding line.

