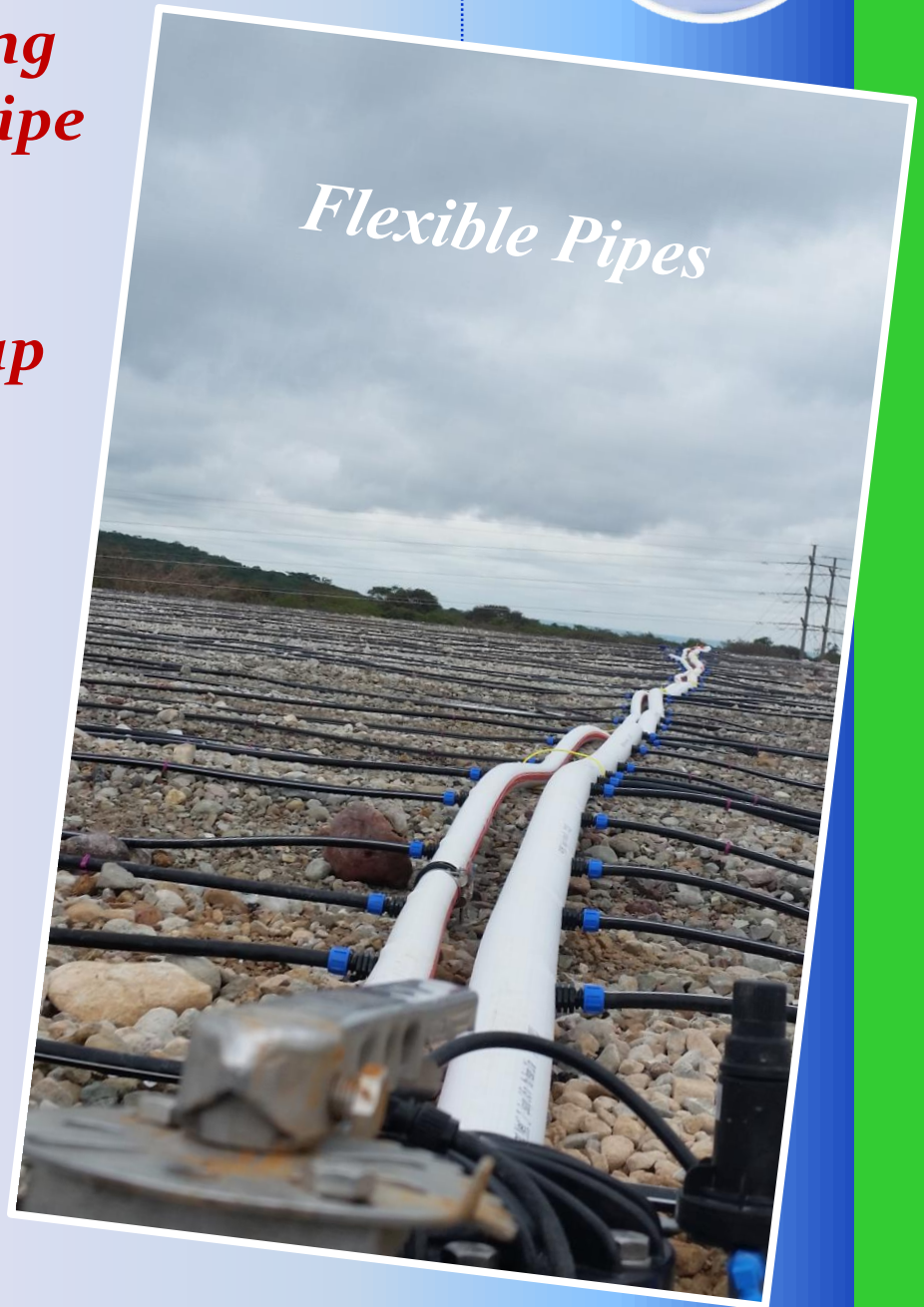


A.R.S - Aqua Royal Spring



***Flatnet Mining
Distribution Pipe
For Gold,
Copper &
Uranium Heap
Leaching
Irrigation.***



***Flatnet Pipe Is Highly Portable, Flexible
And Lightweight Distribution Pipe***



Engineering Mining Solutions

For Mining Heap leaching Irrigation systems.

FlatNet™ Mining Pipes is a robust piping solution for mainline and sub-mainline drip and sprinkler applications. A high-performance and cost-efficient product, FlatNet features unique integral welded outlets that lower installation costs, while ensuring a secure, leakage-free connection between distribution pipes and laterals. Available in a wide range of diameters, FlatNet addresses the design requirements of any on surface or subsurface drip irrigation or sprinkler deployment.

A thermoplastic collapsible irrigation pipe constructed from premium polyethylene (PE), FlatNet offers many advantages over other pipe solutions. FlatNet is highly portable, flexible and lightweight, thereby reducing manpower, freight, maintenance and storage requirements. Versatile and durable, FlatNet is able to withstand the most stringent climatic and environmental conditions. A highly flexible solution, FlatNet completely eliminates buckling, making it ideal for high-pressure applications.

Specifications

Compatible with ISO 16438 standard.

- Available diameters: 2", 3" and 4".
- Maximum working pressure 3.0 bar at 50 Celsius degrees.
- Coil length: 50, or 100 meter.
- Can be used as transportation blank pipe, as a distribution pipe with in-field stat connectors or as a distribution pipe with integral 1/2" female threaded connectors, distance between connectors must be defined at ordering time, according to the user needs.
- Robust and durable reinforced polyethylene weaves.
- White colored for high solar resistance,
- High chemical resistance and UV resistance.
- The pipe and the integral connectors are made of 100% Polyethylene, totally recyclable material.
- Red strip for easy identification.



**The best
Distribution Pipe**

Features & Benefits Flatnet™

Technical Data

- 💧 Low expansion and zero axial elongation, no snaking.
- 💧 Flat and compact coil design,
- 💧 High chemical resistance.
- 💧 Reduces freight and storage and handling costs.
- 💧 confidence in the connections between distribution pipes and laterals,
- 💧 Light and flexible, easily moved from one installation to another.
- 💧 User friendly and faster layout and retrieving process, Lower maintenance requirements.
- 💧 Up to 80% lighter than other similar products.
- 💧 Complete package, pipes, full range of branching connectors and a complete line of connectors for dripperlines and laterals.
- 💧 Easier to work with on the pad , Saves labor on the pad.
- 💧 Conforms to odd shapes and layouts .
- 💧 Rolls lay out manually or by machine and can be retrieved with mechanized equipment
- 💧 No drilling and tapping required for lateral connections
- 💧 No glued PVC couplings or heat fusion welding of HDPE required.
- 💧 Only 2 sockets needed to install and retrieve.
- 💧 Durable factory installed, pre-spaced 1/2" deep FIPT outlets
- 💧 Eliminates fitting pop-outs common with other products
- 💧 Reduces labor with quality threaded connections that can be used over and over
- 💧 Enhanced composite fabric structure significantly reduces buckling and expansion (low expansion coefficient) typically seen with lay flat and other HDPE pipes
- 💧 Reinforced polyethylene weaves increase durability in rocky conditions.



FLATNET™ Technical Data

FLATNET™	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR) AT 50 DEGREES CELSIUS
2" – 51 mm.	51.5	1.1	53.7	3.0
3" - 78 mm	78.3	1.1	90.5	3.0
4" - 102 mm	102.5	1.1	104.7	3.0

FlatNet™ & Connector

FLATNET™ Package Data

FLATNET™	Coil Length 100 m	Dimensions Width Diameter (CM*CM)	Coil Weight (KG)	Coil Per Pallet (Units)	Coil Length 50 m	Dimensions Width Diameter (Cm x Cm)	Coil Weight (Kg)	Coil Per Pallet (Units)
2" - 51 mm.	100	9.0x78	16.5	22	50	9.0x57	9	36
3" - 78 mm	100	14.0x78	29.5	14	50	14.0x57	15	28
4" - 102 mm	100	18.5x78	37.5	12	50	18.5x57	19	24

Catalog Number	Product Description	Product Picture
43040-018000 43040-018150 43040-018300	FTN Coupling Barb Con. 2" kit FTN Coupling Barb Con. 3" kit FTN Coupling Barb Con. 4" kit	
43040-018050 43040-018200 43040-018350	FTN Barb Con. 2" x MTH BSP 2" kit FTN Barb Con. 3" x MTH BSP 3" kit FTN Barb Con. 4" x MTH BSP 4" kit	
43040-018100 43040-018250 43040-018400	FTN Barb Con. 2" x SW ISO 50/63 kit FTN Barb Con. 3" x SW ISO 75/90 kit FTN Barb Con. 4" x SW ISO 110 kit	
43040-018900 43040-019000 43040-019100	FTN Elbow Barb Con 2" kit FTN Elbow Barb Con 3" kit FTN Elbow Barb Con 4" kit	
43040-019200 43040-019300 43040-019400	FTN Elbow Barb Con 2" x FTH BSP 2" kit FTN Elbow Barb Con 3" x FTH BSP 3" kit FTN Elbow Barb Con 4" x FTH BSP 4" kit	
43040-018600 43040-018700 43040-018800	FTN Barb Con. 2" x FTH BSP 2" kit FTN Barb Con. 3" x FTH BSP 3" kit FTN Barb Con. 4" x FTH BSP 4" kit	
43040-020500 43040-020600 43040-020700	FTN Cap Barb Con 2" kit FTN Cap Barb Con 3" kit FTN Cap Barb Con 4" kit	
43040-019500 43040-019600 43040-019700	FTN Tee Barb Con 2" kit FTN Tee Barb Con 3" kit FTN Tee Barb Con 4" kit	
43040-019800 43040-019900 43040-020000	FTN Tee Barb Con 2" x FTH BSP 2" kit FTN Tee Barb Con 3" x FTH BSP 3" kit FTN Tee Barb Con 4" x FTH BSP 4" kit	
43040-020100 43040-020200	FTN Tee Barb Con 3" x 2" x 3" kit FTN Tee Barb Con 4" x 3" x 4" kit	
43040-020300 43040-020400	FTN Reducer Barb Con 3" x 2" kit FTN Reducer Barb Con 4" x 3" kit	
43040-018500	FTN Barb Con. 4" x MTH BSP 3" kit	
43040-030000 43040-030100 43040-030200	FTN Barb con. 2" x Flange ISO 63 kit FTN Barb con. 3" x Flange ISO 90 kit FTN Barb con. 4" x Flange ISO 110 kit	
43040-100000 43040-100010 43040-100020	SST304 Hose Clamp for Barb Conn 2" SST304 Hose Clamp for Barb Conn 3" SST304 Hose Clamp for Barb Conn 4"	
43040-006200 43040-006230 43040-006260 43040-006280	O-ring Seal EPDM 40 x 4.5 For Barb Conn 2" O-ring Seal EPDM 60 x 4.5 for Barb Conn 3" O-ring Seal EPDM 80 x 4.5 for Barb Conn 4" O-ring Seal Viton 80 x 4.5 for Barb Conn 4"	



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