



# Super Aquaduct

## POTABLE WATER DELIVERY PIPELINE



*A flexible layflat pipeline for all emergency and temporary drinking water delivery operations. Offers major cost savings and performance advantages over conventional rigid pipe:*

- **Fast Deployment & Retrieval**

Long continuous lengths can be quickly deployed and retrieved using a wide variety of systems including light duty trailers, flaking boxes, and power-driven reels. High flexibility and kink resistance allows natural ground contours to be followed without putting stress on the pipeline and eliminates expensive path-cutting work. Fewer joints and faster connections mean reduced labor and equipment costs. Rapid restoration of water supplies in an emergency for good public relations.

- **Easy to Store & Transport**

Lightweight and compact for economical storage. Standard pick-up truck instead of flat-bed truck and fork lift reduces transport costs and enables direct routes inaccessible to larger vehicles to be taken.

- **Long Service Life**

Designed for long life and maintenance free service in even the harshest environments. Tough and durable with exceptional resistance to abrasion and cutting for use on a wide variety of ground conditions. No corrosion or scaling. Resistant to heat, fuels, chemicals, UV, ozone, weathering, hydrolysis, and microbiological attack. No contamination of drinking water supplies.

- **Low Operating Costs**

Low pressure loss for efficient pumping. Swells up to 10% above uncharged diameter at maximum operating pressure enabling more water to be pumped.

# Super Aquaduct

## Nominal Technical Specification

Diameter	inch	1	1-1/2	1-3/4	2	2-1/2	3	4	6	8	10	12
	mm	25	38	45	51	63.5	76	102	152	203	255	305
Standard Color*		Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
Wall Thickness (in)		0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.13	0.16	0.16	0.18
Maximum Continuous Length (ft)		660	660	660	660	660	660	660	660	660	660	660
Weight** (lbs/ft)		0.10	0.16	0.18	0.24	0.30	0.37	0.61	1.14	1.9	2.5	3.5
Coil Diameter** (in/100ft)		17	17	18	18	18	20	25	27	33	33	35
Minimum Short Length												
Burst Pressure (psi)		600	600	600	600	600	600	600	600	500	400	400
Maximum Working Pressure*** (psi)		300	300	300	300	300	300	300	300	220	175	175
Temperature Range		-58 °F (-50 °C) to 158 °F (70 °C) depending on fluid being pumped										

\* Other colors available.

\*\* Excluding couplings.

\*\*\* Or maximum working pressure of attached coupling, whichever is lower.



Features a unique "through-the-weave" one piece construction comprising a circular woven high tenacity polyester reinforcement totally encapsulated in a tough elastomeric polyurethane cover and lining. Manufactured in compliance with BS EN ISO 9001:2000 quality management systems. Raw materials, components, and finished products are rigorously tested and inspected to ensure excellent product reliability.

### Potable Water Listings:

**USA National Sanitation Foundation (NSF) 61;** UK Water Bylaws Scheme (WBS) BS 6920 for use with cold and hot water up to 50°C; UK Drinking Water Inspectorate (DWI) Regulation 25; Germany Federal Health Office (BGA) to KTW Recommendations; Germany DVGW Worksheet W270.

### Food Approvals:

**USA Food & Drug Administration (FDA) CRF 177.2600.** Wide range of couplings, manifolds, and hardware available for connecting the pipeline to additional segments, fluid supplies, or auxiliary hardware.

### Typical Applications

- **Municipal**

Emergency Water Supply  
Pipeline By-pass  
Waste Transfer

Testing/Flushing Water Mains  
Delivery from Water Tanker  
Construction  
Sewer and water treatment  
Municipal Fire Services

- **Marine**

Potable Water to Ships/Boats  
Cargo Loading/Unloading  
Supply Ship to Offshore Facilities

- **Industrial**

Potable Water for Food Processing  
High Flow Dewatering  
Mobile High Volume Air Conditioning (HVAC)  
Liquid and Powder Foodstuffs  
Slurry Pumping  
Beer/Wine Transfer  
Loading/Unloading from Truck or Rail Car

- **Military**

Potable Water Transfer

Angus Flexible Pipelines operates a continuous program of product development. The right is therefore reserved to modify any specifications without prior notice and Angus should be contacted to ensure that the current issues of all technical data sheets are used.

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