

# Purestream

PIPING

BY AIRCOM

*Contamination-free compressed air lines*



At CAG Purification, we design and deliver comprehensive compressed air treatment systems that eliminate the contaminants inherent in compressed air. Unlike companies offering only a limited selection of products, or alternately, manufacturers for whom air treatment is only an after thought, CAG focuses solely on complete compressed air treatment systems.

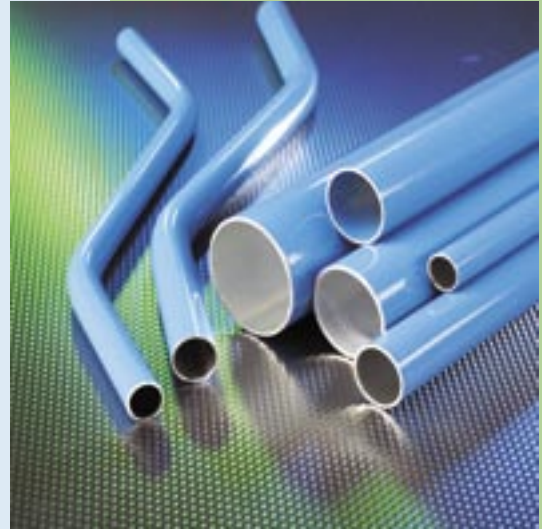
We strive to provide pure, contamination free compressed air to every point in your plant air system. In order to insure that the delivery of compressed air remains contamination free, we are pleased to add the Purestream Piping system to our product offering.



Purestream Piping is an integrated, flexible system of precision aluminum piping and space age thermoplastic fittings that responds to the new competitive reality in many industries. Businesses need the ability to integrate new technology and equipment, as well as expand and contract their production capacity, quickly and with a minimum of downtime. The Purestream Piping system, with its easy-to-install or retrofit components and superior construction, saves time and money by minimizing downtime and reducing pressure drop, ensuring that your compressed air distribution system works at maximum efficiency.

## PIPING

- Tubular extruded aluminum pipe
- Available in 9 sizes: 12, 16, 20, 25, 32, 40, 50, 63 & 80 MM
- Lightweight
- External pipe painted with powder-coated blue paint
- Smooth, clean, non-corrosive, rust-proof internal finish
- Easy to install and adapts to existing metal pipe systems
- Burst-tested to 1740 pounds, rated for 174 PSIG operating pressure



## FITTINGS

- Compression fittings made from polyamide plastic
- Compression fittings made from aluminum alloy (80 MM)
- Smooth internal finish
- Assorted fittings available in 9 sizes
- Metal NPT adapters available for adapting to steel pipe systems
- Quick branch drop leg fitting can be adapted anywhere in the pipe network
- Burst-tested to 1740 pounds, rated for 174 PSIG operating pressure
- Oil-resistant O-ring seals



## INSTALLATION

- Installation time is 50% to 75% quicker than with conventional metal pipe systems
- Little layout planning required due to system flexibility
- Minimal downtime when incorporating additional piping to existing system
- Customer's mechanical staff can modify pipe system in-house
- System can be modified easily at very low cost
- System can be easily dismantled and reinstalled at a new facility





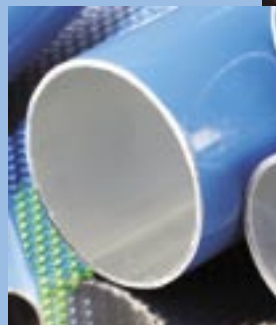
## PURESTREAM PIPE SYSTEM BENEFITS

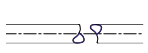












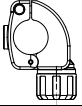
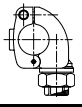


- Low pressure drop results in significant energy savings
- Substantial savings due to lower labour costs
- Pipe threading equipment is not required
- Half the weight of metal pipe systems
- Smooth surface allows for higher flows with less resistance
- Aluminum pipes prevent the contamination prevalent in metal pipe systems
- Reduced maintenance and equipment replacement costs
- Extended life for production machinery
- Corrosion resistance prevents leaks and allows the piping to retain its full performance characteristics
- Aluminum pipe cost is similar to steel
- System maintains air quality after treatment
- Reduces downtime and lost or delayed production
- Aesthetically appealing
- TSSA/CRN registered, ISO 9002 certified



## Pipe Scale? Corrosion problems?

You'll never have to worry about either with the Purestream line. The aluminum piping is rust-proof and the internal surface remains clean and smooth for as long as your system operates.



	DESCRIPTION	CODE*	SIZE								
			12	16	20	25	32	40	50	63	80
	Aluminum Pipe	TUAL	12	16	20	25	32	40	50	63	80
	Double Bend	SCI	12	16	20	25					
	Coupling	MA10	12	16	20	25	32	40	50	63	80
	90° Elbow f/f	GO9010	12	16	20	25	32	40	50	63	80
	45° Elbow f/f	GO4510			20	25	32	40	50	63	
	Equal Tee	TE10	12	16	20	25	32	40	50	63	80
	End Cap	CA10			20	25	32	40	50	63	80
	Reducing Tee	TR10			20x12 20x16	25x12 25x16 25x20	32x20 32x25	40x20 40x25 40x32	50x25 50x32 50x40	63x25 63x32 63x40 63x50	
	Reducing Coupling	RID10				25x20	32x25	40x32	50x40	63x50	
	Pipe Coupling to Male NPT Thread	MN10	12x1/4" 12x1/2"	16x3/8" 16x1/2"	20x1/2" 20x3/4"	25x1/2" 25x3/4" 25x1"	32x1" 32x1 1/4"	40x1" 40x1 1/4" 40x1 1/2"	50x1 1/2" 50x2"	63x2" 63x2 1/2"	
	Pipe Coupling to Female NPT Thread Brass Body	MPM10			20x1/2" 20x3/4"	25x1"	32x1 1/4"	40x1 1/2"	50x2"	63x2 1/2"	
	Pipe Coupling to Male NPT Thread Brass Body	MNM10			20x1/2" 20x3/4"	25x1"	32x1 1/4"	40x1 1/2"	50x2"	63x2 1/2"	80x2 1/2" 80x3"
	Union Adapter to Female NPT	BP10				25x1"	32x1 1/4"	40x1 1/2"	50x2"	63x2 1/2"	
	Quick Branch Drop Leg	DER10				25x12 25x16 25x20	32x12 32x16 32x20	40x12 40x16 40x20 40x25	50x16 50x20 50x25	63x20 63x25 63x32	80x20 80x25 80x32
	Quick Branch Drop Leg to Brass Female NPT Thread	DERFF				25x1/2"	32x1/2"	40x1/2" 40x3/4"	50x1/2" 50x3/4"	63x1/2" 63x3/4" 63x1"	80x1/2" 80x3/4" 80x1
	Two Port Wall Mount Manifold f/f Brass NPT	APL	12x1/2"	16x1/2"	20x1/2"	25x1/2"					
	Two Port Wall Mount Manifold f/f/f Brass NPT	APL	1/2" x 1/2" x 1/2" 3/4" x 1/2" x 1/2"								

Specifications subject to change without notice

\*consult price list for specific ordering codes



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