

Duratec Piping

Benefits:

- Ease of Installation
- Resists Corrosion
- High Strength
- Lower Cost
- Versatility

Duratec Air-Line is a new innovative compressed air and inert gas piping product that uniquely combines all of the benefits of plastic and metal in one pipe. Duratec is constructed of an inner and outer layer of HDPE sandwiched over an aluminum core. This unique construction makes Duratec Air-Line a lightweight, clean, non-corroding compressed air and inert gas distribution system. Modern process equipment, pneumatic controls and instrumentation demand a supply of clean, uncontaminated air that has necessitated the development of new designs of compressors, ancillary equipment and new piping systems like Duratec. Duratec's polyethylene inner liner provides for a lifetime of smooth flow. Unlike metal products Duratec will not scale, pit or corrode and provides constant flow with no increase in pressure drop over time. Duratec's aluminum core provides



strength, rigidity, flexibility and toughness when combined with an engineered mix of polyethylene. The outer polyethylene layer provides not only a permanent blue color coding to identify the system, it provides chemical, corrosion, UV and moisture protection to ensure a long system life. This unique construction allows Duratec to be manufactured in four sizes from 3/8" through 1" and handle 200 psi at 73°F and 160 psi at 140°F.

Duratec piping is the answer to overcoming past installation difficulties and a lack of flexibility in rigid piping systems. TWSCO technicians, with Duratec piping, can fulfill your gas routing needs in a cost effective and timely manner.



Construction	Size (in)	ID (in)	ID (mm)	OD (in)	Wt. lb/100ft.	Max Pressure Compressed Air (psi)
PE-AL-PE	3 / 8	.346	9	.48	6.8	200
PE-AL-PE	1 / 2	.500	12	.63	10.1	200
PE-AL-PE	3 / 4	.806	20	.98	13.7	200
PE-AL-PE	1	1.032	25	1.26	23.0	200



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