

Instaduct® PVC Ventilation Duct Pipe

Fabco's Instaduct is available in sizes ranging from 6" to 24" diameters. It is manufactured from high quality PVC so it will be in service for a long time and resist corrosive fumes and gasses, in all sorts of industrial ventilation applications.

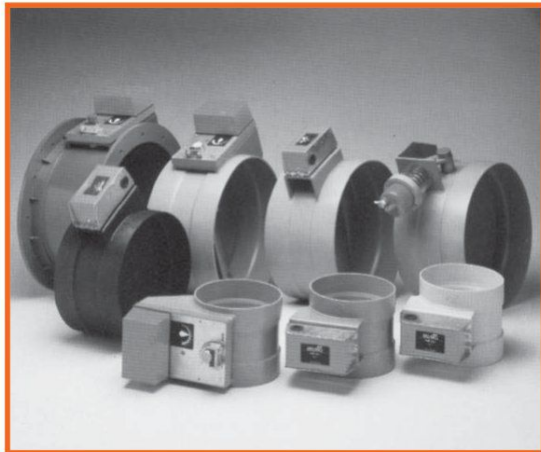
This lightweight piping system is easy to install and features increases flow rates due to the seamless characteristics. Welded construction supplied with socket (belled) ends and fabricated from extruded duct pipe. Call Fabco for special or custom manufactured duct fittings.

Notes:

- Available in 20ft lengths
- Product supplied with plain end

PART NUMBER	DIAMETER (IN)	DIAMETER (MM)	O.D. (IN)	WALL THICKNESS (IN)	WT (LBS/FT)	LENGTH (FT)
010118	6	150	6.625	.125	1.530	20
0101181	6	150	6.625	.187	2.275	20
0101185	7	180	7.375	.187	2.534	20
010119	8	200	8.625	.187	2.982	20
0101195	9	225	9.375	.187	3.239	20
010120	10	250	10.750	.187	3.733	20
010121	11	280	11.375	.187	3.944	20
010122	12	315	12.750	.187	4.440	20
010124	14	355	14.000	.187	4.884	20
010126	16	400	16.000	.187	5.586	20
010128	18	450	18.000	.187	6.750	20
010130	20	500	20.000	.219	8.144	20
010134	24	600	24.000	.250	11.163	20
010138	28	700	28.000	.250	13.470	20
010142	32	800	32.000	.250	17.070	20

Instaduct® PVC Ventilation Duct Fittings



Make EXHAUST SYSTEMS EASIER...that's the mission for FABCO PLASTIC's seamless, moulded, quick connecting (solvent cementable), belled-end, rigid PVC INSTADUCT fittings. INSTADUCT PVC fittings provide a broad range of cost-effective benefits over traditional, fabricated fittings.

Applications:

- Air handling systems
- Air pollution control systems
- Corrosive fume exhaust systems
- Source ventilation of fumes- for metal cleaning, pickling, plating, halogen gas purging and etching
- Exhaust ventilating systems- high humidity areas
- Chemical Processing
- Medical/Hospital Use
- Electroplating
- Pharmaceuticals
- Food Processing
- Dairy Processing
- Laboratory Applications
- Environmental Applications
- Cosmetics
- Beverage Processing
- Fish Hatchery

Benefits:

- Resists chemical and corrosive attack preventing expensive maintenance, replacement and downtime
- Safely withstands temperatures up to 140F, maintaining system integrity in aggressive environments
- Provides consistent uniformity and reduced fabrication time with seamless extruded sizes from 3" through 24" eliminating the need to fabricate from sheet
- Resists bacterial and biological activity
- Reduces labour and keeps installation costs down with lightweight, easily solvent cemented units
- Low overall installed cost than other alternatives
- Offers low flame and smoke generation characteristics
- Reduced sediment build up, turbulence and Static Pressure

Notes:

The designer will have responsibility for the following:

- The PVC must not be used to exceed manufacturer's temperature and impact rating.
- Inspection and maintenance opening provided (clean outs) should be on straight runs and elbows. Equipment and special accessories should be accessible for the service required.
- Standard and custom fabricated hoods providing proper capture velocities at those points where fumes are generated.
- Condensate should be collected and drained off. A recommended minimum slope for horizontal ducts pitched downward in the direction of airflows 1 inch in 40 feet, with the recommended minimum slope for ducts pitched downward in the direction opposite the airflow equal to 1 inch in 10 ft. Drains with traps or valves are to be provided.