

Fire Retardant PP Ventilation Duct Pipe



Fire retardant polypropylene duct is ideal for hoods and duct systems answers the problems of in-plant safety departments. Corrosive and toxic fumes are removed safely and down time is eliminated as the fire retardant polypropylene resists corrosion. Fire retardant polypropylene can attain a V-O rating according to UL-94 test for flammability of plastic materials. The incorporation of additives such as organic Bromine or Antimony compounds gives the PPS the fire retardant resistance. PPS is chemical and solvent resistant, has a hard surface and low moisture absorbency. It's temperature resistance is up to 100°C (212°F). The material is easily hand welded or fused like normal polypropylene. Care should be exercised in outdoor applications due to limited outdoor weathering resistance.

Applications:

- Corrosive fume extraction
- Chemical blending
- Automotive manufacturing
- Municipal water treatment
- Metal Finishing
- Anodizing
- Laboratories

Features:

- Resists chemical attack replacement and downtime.
- Safely withstands temperatures of up to 212°F
- Is extruded to IPS dimensions.
- Is lightweight allowing easy, low-cost installation.
- Material has excellent flame resistant
- Is readily available with fabricated fittings of all configurations.

PART NUMBER	OD (MM)	WALL THICKNESS (MM)	WT (LBS/FT)
250114	75	3.0	0.33
250114	90	3.0	0.34
250116	110	3.0	0.62
250117	125	3.0	0.82
2501175	140	3.0	0.92
250118	160	3.0	1.05
2501185	180	3.0	1.19
250119	200	3.0	1.33
2501195	225	3.5	1.74
250120	250	3.5	1.95
250121	280	4.0	2.47
250122	315	5.0	3.45
250124	355	5.0	3.89
250126	400	6.0	5.24
250128	450	7.0	6.82
250130	500	8.0	8.65
250132	560	8.0	9.69
250134	630	10.0	13.14
250138	710	12.0	18.39
250142	800	12	20.74
250146	900	15	29.21

Notes:

- Standard length is 16.4 ft. (5 metres)
- Colour is light grey with limited UV resistance
- Fittings are available upon request
- Product supplied with plain end.

