

TUNNELMASTER™

Tunnel Ventilation

PLASTICOAT™ Ducting
CODEMASTER™ Composite Hose
REOMASTER™ Steel Reinforcement
MINEMASTER™ Mine Ventilation
PIPEMASTER™ PVC Pipe
TUNNELMASTER™ Tunnel Ventilation

The Company's manufacturing history goes back over fifty years with the introduction of the Plasticoat range of industrial coatings and flexible ducting in the late fifties.

Our Head Office and Manufacturing Centre in Chambers Road, Altona North, Victoria commenced operations in 1961 and has since grown to accommodate the ever evolving manufactured product range and now covers over three hectares.

In 2002, as our Australian marketing network spread, we opened a second major Distribution Centre in Perth, WA. This is now located in Bassendean on an 8000m² site and services an extensive customer base, on the West Coast. We also opened a new Distribution Centre in Brisbane, Qld in 2010. This is now located in Northgate on a large site and services all our Northern customers. In addition to our National customer base we have developed an important export market for a range of our products that are now sold throughout New Zealand, South East Asia, South Africa and the Middle East.

We are Associate members of many industry groups including The Australian Chamber of Manufacturers, The Association for Hose and Accessories Distribution (NAHAD), The Australian Drilling Industry Association (ADIA), Australian Hides Skins and Leather Exporters Association (AHSLEA) and the National Precast Concrete Association of Australia.

All our products are manufactured to the relevant Australian Standards and tested under strict quality control procedures. We hold numerous Standards Licences and our Steel Reinforcing products have achieved ACRS accreditation (Australian Certification Authority for Reinforcing Steel). All our PVC pipe products are BEP certified (Best Environmental Practice).

Having local manufacture enables us to have control over our manufacturing ensuring a consistently high quality product to meet our clients' needs. It also provides the flexibility to customise products and to ensure we can meet the most challenging deadlines

Being a privately owned Company we pride ourselves on our ability to supply solutions for customised product or service requests - no matter how difficult, how large or how small such requests are. We have a dedicated and focused team at Plascorp™ that we believe gives us that all important point of difference.

TUNNELMASTER™ INTRODUCTION

AT PLASCORP™ WE ARE PROUD OF OUR HISTORY AND ABILITY TO PROVIDE VENTILATION BAG & ACCESSORIES INTO THE MINING & TUNNELLING SPACE BOTH IN AUSTRALIA AND INTERNATIONALLY. WITH OUR MANUFACTURING AND TECHNICAL EXPERTISE BASED IN ALTONA MELBOURNE WE PROVIDE QUALITY FIT FOR PURPOSE PRODUCTS IN A TIMELY MANNER TO ASSIST OUR CLIENTS IN DELIVERING THEIR INFRASTRUCTURE PROJECTS ON TIME.

PLASCORP™ SUPPLIES FR RATED TUNNELLING VENTILATION MATERIALS INCLUDING JOINING SOLUTIONS WITH AN EXTENDED RANGE OF BENDS, T & Y PIECES TO COMPLETE OUR OFFERING.

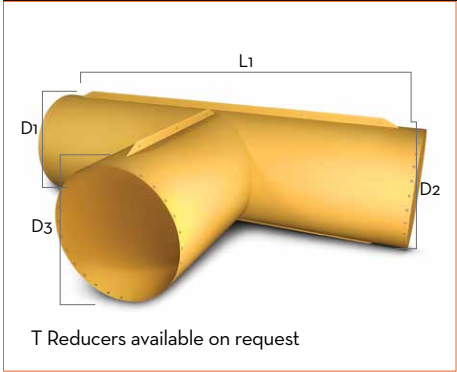


TECHNICAL CHARACTERISTICS	
	<p>Plascorp™'s Tunnel Ventilation Ducting is made of PVC coating reinforced with a polyester yarn that provides a high tear resistance and lower energy consumption. The Ducting is Lightweight, durable and extremely flexible and is used for tunneling ventilation during the construction stage and on a permanent basis. Available in various tensile strength grades plus optional Fire Retardant and antistatic properties to suit performance ranges.</p> <p>The polyester textile is knitted or woven so as to minimise the length and size of any damage or tears. The textile is coated with strong PVC, which helps to optimise strength and prevent delamination when it's exposed to high pressure and stress. The UV PVC coatings on both sides of the scrim make the duct both air and water tight, as well as protection against UV radiation.</p> <p>Both our Tunneling and Mine ventilation ducting has been used worldwide in numerous tunneling projects. Plascorp™ is constantly working to offer the best duct quality through innovation and Research and Development.</p> <p>Plascorp's manufacturing is approved and certified in accordance with ISO 9001.</p>
FABRIC	High tenacity PES material construction PVC coated on both sides
FEATURES	Flame Retardant (FR) Flame Retardant and Anti-Static (FRAS) upon request
DIAMETER	762mm up to 3500mm—other sizes available on request.
SECTION LENGTH	10m, 15m, 20m, 50m, 100m Other lengths available upon request
SUSPENSION SYSTEM	Hanging eyelets typically at 500mm spacing
FABRIC CERTIFICATION	SGS Certified to International Standards
DUCTING OPTIONS	
PVC 550 FR	Standard
PVC 650 FR	Heavy Duty
MAIN USAGE	
Tunnel, Mine and Air ventilation system	

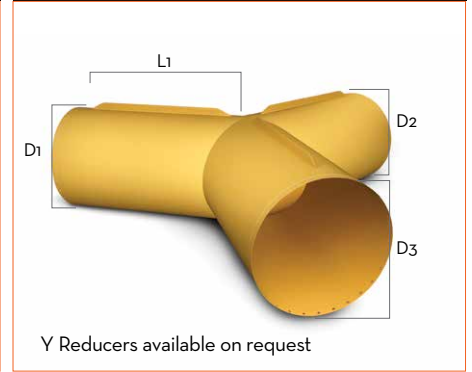


TUNNELMASTER™ FITTINGS & ACCESSORIES

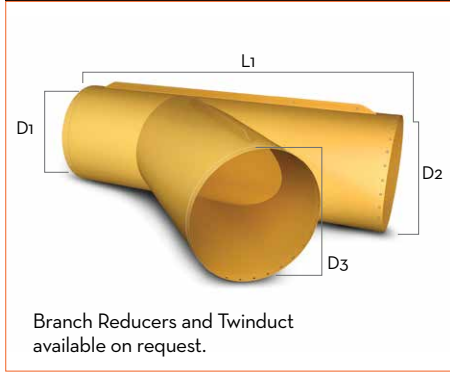
T PIECE



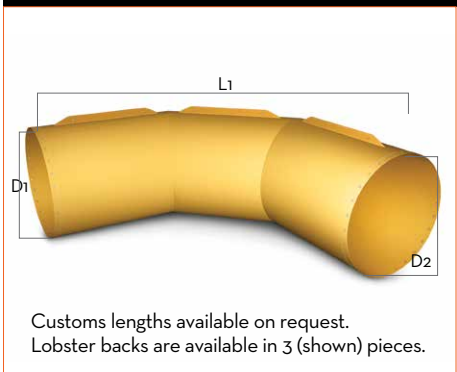
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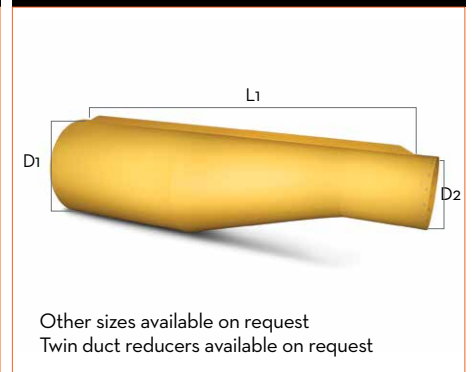
BRANCH



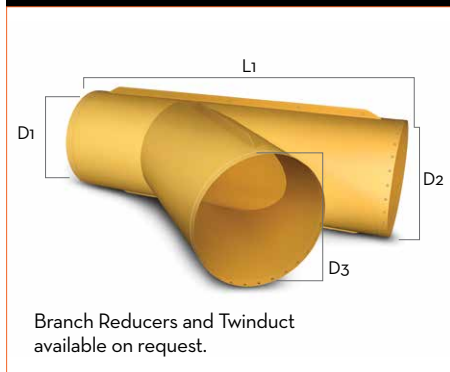
BEND



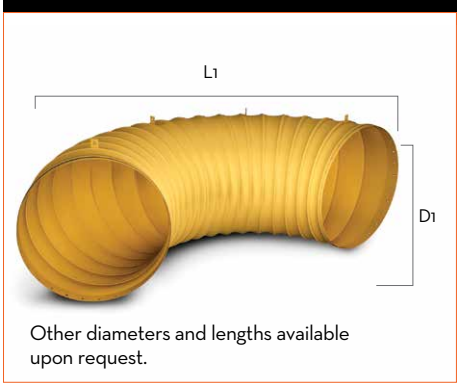
REDUCER



DUAL FIN BRANCH PIECE



MINEFLEX

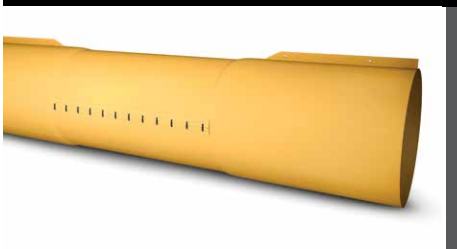


MINEFLEX for Tunnel applications is constructed with our PVC FR in either 550 STD or 650 HD Fabric. Manufactured in Close Pitch when required for negative pressure applications.

As the name " Flex " indicates this product has a wire spiral helix offering concertina characteristics which provides flexibility and avoids kinking.

The joining mechanism is the skirt connecting method consisting of eyelets and a skirt enabling connection of multiple lengths.

REPAIR SYSTEM



A number of repair solutions are available: Sew & Glue; Hot Air Gun, Zipper Repair Sleeve. The Zipper repair sleeve is designed with a slightly smaller diameter than the main body of the duct.

The ends of the sleeve are plain ended and there is a zipper running along the length of the sleeve. The repair sleeve is simply placed over the damaged section of duct and the zipper is then closed to form a snug fit around the duct.

JOINING SYSTEM / A number of joining systems are available.

VELCRO



ZIP COUPLING



METAL EYELET / Internal skirts at the join reduce the potential for air loss at the joint.



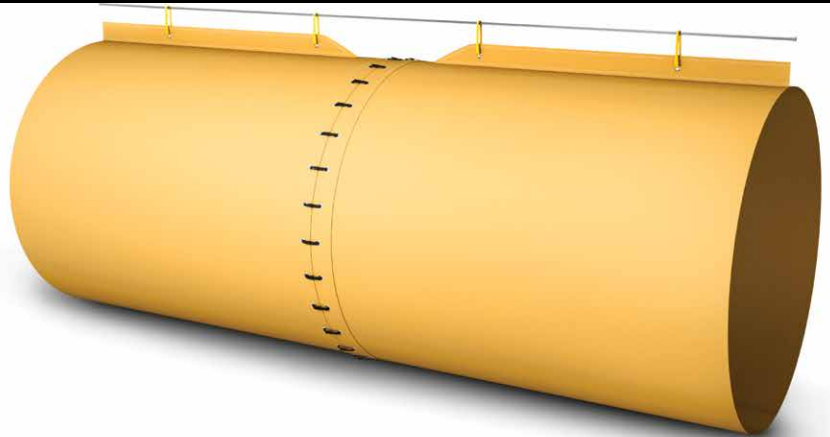
- 1 Metal Eyelet
- 2 Skirt

SUSPENSION SYSTEM / Metal Eyelets

The proposed suspension system with eyelets employs a strong continuous rib running the length of the ducting section.

The rib is welded on and contributes to the overall strength of the duct.

Sizes 1800mm and above have a dual hanging fin (ie. Two parallel lines of suspension fins)



Plascorp™ Pty Ltd
45 Chambers Road
Altona North Victoria 3025
PO Box 2 Altona North
Victoria 3025
TELEPHONE 1300 301 313
FACSIMILE 03 9319 6401
sales@plascorp.com.au
www.plascorp.com.au

32 Clune Street Bassendean
Western Australia 6054
TELEPHONE 08 9379 8922
FACSIMILE 08 9379 8933
115B Crockford Street
Northgate Queensland 4013
TELEPHONE 07 3035 9200
FACSIMILE 07 3035 9201