

FIBERGLASS UNDERGROUND UTILITY DUCT

Lightweight, user-friendly to handle

(FASTER & SMARTER SOLUTION)

SUMIP Fiberglass underground utility ducts are manufactured through automated pultrusion technology, completely machine-made, delivering required consistency and strength. These are lightweight and sturdy ducts as an alternative of cement culverts, enabling workers easy operation while their installation or removal or replacement.

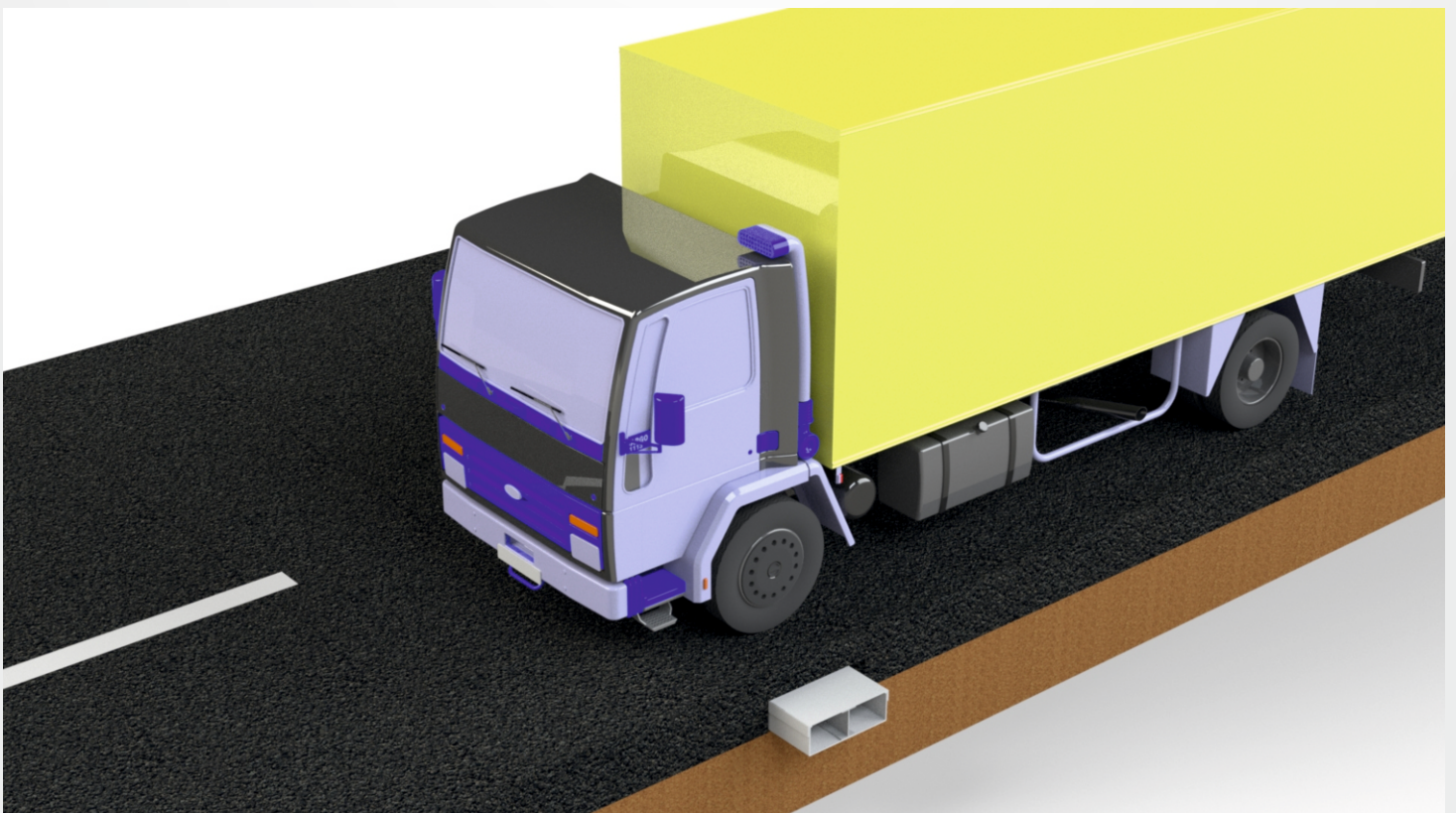
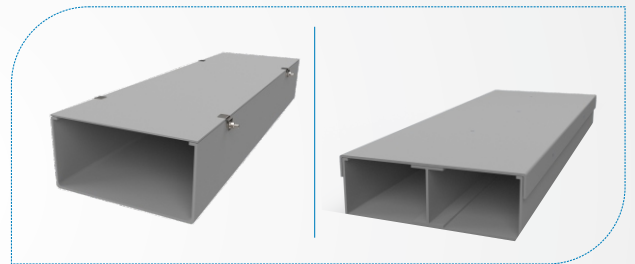
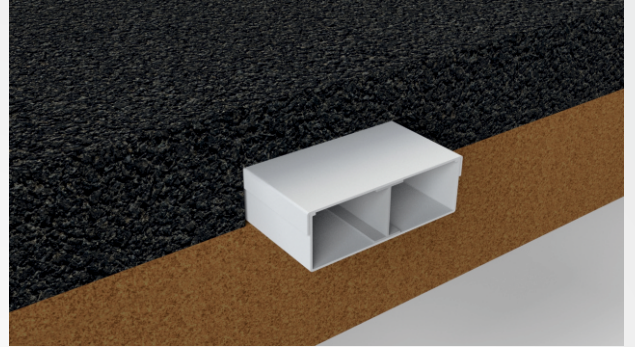
Technical Details

Material : Fiberglass Reinforced Plastic

Colour Shade : Dark Grey

Features :

- Non metallic
- Rust or corrosion free
- Chemical resistant
- No electrical conductivity
- Light weight
- Ready to use
- Easy to install & Handle



SILENT FEATURES OF FRP UNDERGROUND UTILITY DUCT FROM PULTRUSION TECHNOLOGY

1. Technical Details.		
1.1 Material of Tray	Corrosion Resistant Polyester Flame Retardant U.V Stabilised Resin System & Various types of Glass Fibres. Glass Content $\geq 55\%$	
1.2 Length of Duct	2000mm to 6000mm and can be coupled to get more lengths	
1.3 Width of Duct	150mm to 600mm	
1.4 Height of Duct	150mm	
1.5 Load Capacity when applied in perpendicular direction	Standard Axle Vehicle Load Compatible	
2. Standard Aplicable		
2.0 NEMA	FG1-1993 with Revision for Fibreglass Cable Tray System	
2.1 IS 6746 - 1994	Specs for Unsaturated Polyester Resin Systems for Low Pressure Fibre Reinforced Plastics.	
2.2 ASTM-D-638	Tensile Strength	$\geq 30,000$
2.3 ASTM-D-790	Flexural Strength	$\geq 30,000$
2.4 ASTM-D-256	Izod Impact Strength	≥ 120 J/M
2.5 ASTM-D-149	Dielectric Strength short term in Oil	35 Kv / inch



Manufactured By:

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