

Under Track Crossing (UTX) Chambers are manufactured at Polypipe's in-house fabrications facility to meet the cable protection needs of different signalling and telecommunications alongside and beneath railway tracks.

UTX Chambers can be used in conjunction with Ridgiduct and Ridgicoil cable protection systems, all having Network Rail Parts and Drawing Systems (PADs) approval, Certificate PA05/05875.



Applications

The chambers are approved for installation within both the cess areas (track side drainage) and track support zone 6ft areas.

Performance

Manufactured from structured wall polyethylene pipework the chambers can be engineered to suit site specific requirements regarding height, diameter and spigot orientation. The chambers are resistant to most common chemicals and have a predicated design life in excess of 50 years.

Key benefits

- Network Rail Parts and Drawing Systems (PADS) Approved (PA05/05875) in sizes 600mm-1200mm
- Chambers can have a 3, 6 or 9 way spigot arrangement for cable protection connections
- Modular single piece chambers, pre-fabricated in factory controlled conditions
- Fully intergrated spigot connections are made from 100mm and/or 150mm Ridgidrain
- The orientation, size and height of UTX Chambers are tailored to meet the needs of the project
- 50 year design life
- Structured wall design for high ring stiffness and strength
- Step irons available upon request
- Lifting points available upon request to aid in handling and installation of the chambers
- Light weight for reduced transport/installation costs and improved Health and Safety benefits
- Reduces CO₂ consumed in production, transportation and on-site handling
- Incorporates recycled plastic

Note: UTX Chambers can be manufactured in sizes greater than 1200mm, but this will deviate away from the PADS approval.



All descriptions and illustrations in this publication are intended for guidance only and shall not constitute a 'sale by description'. All dimensions given are nominal and Polypipe may modify and change the information, products and specifications from time to time for a variety of reasons, without prior notice. The information in this publication is provided 'as is' on May 2015. Updates will not be issued automatically. This information is not intended to have any legal effect, whether by way of advice, representation or warranty (express or implied). We accept no liability whatsoever (to the extent permitted by law) if you place any reliance on this publication you must do so at your own risk. All rights reserved. Copyright in this publication belongs to Polypipe and all such copyright may not be used, sold, copied or reproduced in whole or part in any manner in any media to any person without prior consent. © Polypipe is a registered trademark of Polypipe. All Polypipe products are protected by Design Right under CDPA 1988. Copyright © 2015 Polypipe. All rights reserved.

UTX CHAMBERS

ID (mm)	CODE	DEPTH	NO. OF CONNECTIONS
600	CPD600UTX	To suit site requirements up to 6m high	3, 6 or 9 way spigot orientations
750	CPD750UTX		
900	CPD900UTX		
1050	CPD1050UTX		
1200	CPD1200UTX		

Sizes are nominal I.D.
600mm diameter manufactured from Ridgidrain
750-1200mm diameter manufactured from Ridgistorm-XL

SPIGOT AND CONNECTIONS

Polypropylene 100mm and/or 150mm

Cable Protection

Our Ridgiduct and Ridgicoil cable protection system are colour coded in accordance with National Joint Utilities Group guidelines.

Ridgicoil



Sizes available
63mm - 110mm

Ridgiduct



Sizes available
94mm - 300mm