

# Telecommunications Cable Duct

Iplex Pipelines offer a range of Chorus branded and Standard (non-Chorus branded) Telecommunications Cable Duct available for telecommunication projects.

**Chorus Branded duct conforms to Chorus Specification:**

Standard PVC duct conforms to the Outside Diameter dimensions of AS / NZS 2053 or AS / NZS 1477.

Standard PE duct conforms to the Outside Diameter / Wall thickness dimensions of AS / NZS 4130 SDR 17.

## Product Summary

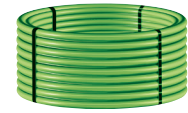
Our product snapshot provides a customer guide to the key characteristics of our Telecommunications PVC & Polyethylene Duct range. Ordering information can be found overleaf. For more information please contact Iplex Pipelines.



**PVC Rigid Cable Duct**



**PVC Duct Repair Sleeve**



**Polyethylene Coiled Cable Duct**

|  |   |  |  |
|--|---|--|--|
| <b>Suitable For</b>                          | Trenched applications   | Fits over the OD of PVC duct in trenched applications              | <ul style="list-style-type: none"> <li>Directional drilling</li> <li>Impact boring</li> <li>Sub-duct applications</li> <li>Trenched applications</li> </ul>  |
| <b>Colours Available</b>                     | <ul style="list-style-type: none"> <li>● Green (Chorus: 20 - 100mm)</li> <li>● Green (Non-Chorus: 100mm only)</li> <li>○ White (Chorus: 20mm only)</li> <li>● Red (Non-Chorus: 50 &amp; 100mm)</li> </ul> | <ul style="list-style-type: none"> <li>● Green (Chorus)</li> </ul> | <ul style="list-style-type: none"> <li>● Green (Chorus)</li> <li>● Black w/ Red Tri-Stripe (Chorus)</li> <li>● Black w/ Green Tri-Stripe (Chorus)</li> <li>● Black w/ Violet Tri-Stripe (Chorus)</li> <li>● Black w/ Brown-Stripe (Chorus)</li> <li>● Lime Green (non-Chorus)</li> </ul> |
| <b>Material</b>                              | PVC-U   | PVC-U  | Polyethylene   |
| <b>Nominal Diameter</b>                      | 20 - 100mm  | 50 or 100mm  | 20 - 110mm OD  |
| <b>Length</b>                                | 6m  | 2m   | 50 - 200m (refer range below)  |
| <b>Classification</b>                        | N/A   | N/A  | SDR 17   |
| <b>UV Resistant*</b>                         | No*   | No*  | No*  |
| <b>AS/NZS Standard</b>                       | 1260 (OD only)<br>1477 (OD only)  | N/A  | 4130 (OD & SDR only)   |
| <b>Best Environmental Practice Certified</b> | Yes   | Yes  | Yes  |
| <b>Joint Type</b>                            | <ul style="list-style-type: none"> <li>Spigot/Socket SCJ</li> <li>Rubber Ring Joint</li> </ul>  | Plain end, SCJ   | <ul style="list-style-type: none"> <li>Plasson mechanical fittings</li> <li>Electrofusion</li> </ul>   |

\*If used unprotected from the sun above ground, UV/weathering resistance of the green or red duct will be limited - colour fading with some loss of impact strength will occur over time.

**NB:** Iplex Pipelines manufactures a range of Telecommunications duct to meet the specific requirements of Chorus New Zealand.


Chorus branded products may only be sold to Chorus approved installers. Only approved Chorus Contractors or their approved sub-contractors may purchase and install these products into Chorus New Zealand projects. For more details please contact Iplex Pipelines.

# Product Range

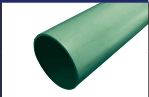
## Chorus Branded PVC Telecommunications Cable Duct

|   | Size       | Order Code | Colour  | Joint Type        | Outside Diameter (mm) | Wall Thickness (mm) | Pack Qty |
|---|------------|------------|---------|-------------------|-----------------------|---------------------|----------|
|  | 20mm x 6m  | 10012937   | ● Green | Spigot/Socket SCJ | 26.6 - 26.9           | 1.3 - 1.6           | 150      |
|   | 20mm x 6m  | 10013281   | ○ White | Spigot/Socket SCJ | 26.6 - 26.9           | 1.3 - 1.6           | 150      |
|   | 50mm x 6m  | P4001      | ● Green | Rubber Ring Joint | 60.2 - 60.5           | 2.4 - 2.9           | 123      |
|   | 100mm x 6m | P4000      | ● Green | Rubber Ring Joint | 110.0 - 110.4         | 2.7 - 3.3           | 67       |


## Standard (Non-Chorus) PVC Telecommunications Cable Duct

|   | Size       | Order Code       | Colour  | Joint Type        | Outside Diameter (mm) | Wall Thickness (mm) | Pack Qty |
|---|------------|------------------|---------|-------------------|-----------------------|---------------------|----------|
|  | 100mm x 6m | 2780.100LD.6 SOE | ● Green | Rubber Ring Joint | 110.0 - 110.4         | 2.7 - 3.3           | 67       |
|   | 50mm x 6m  | 2730.60.6 SOE    | ● Red   | Spigot/Socket SCJ | 60.2 - 60.5           | 2.4 - 2.9           | 150      |
|   | 100mm x 6m | 2730.100LD.6 SOE | ● Red   | Rubber Ring Joint | 110.0 - 110.4         | 2.7 - 3.3           | 67       |

## Chorus Branded PVC Repair Sleeve

|  | Size       | Order Code | Colour  | Joint Type     | Internal Diameter (mm) | Wall Thickness (mm) | Pack Qty |
|--|------------|------------|---------|----------------|------------------------|---------------------|----------|
|  | 50mm x 2m  | 10013103   | ● Green | Plain end, SCJ | 60.2 - 60.5            | 2.4 - 2.9           | 1        |
|  | 100mm x 2m | 10013102   | ● Green | Plain end, SCJ | 110.0 - 110.4          | 2.7 - 3.3           | 1        |

## Chorus Branded PE Telecommunications Duct

|   | Size | Order Code  | Colour                         | Coil Length (m) | Outside Diameter (mm) | Wall Thickness (mm) |
|---|------|-------------|--------------------------------|-----------------|-----------------------|---------------------|
|  | 20mm | 20021793    | ● Green                        | 200m            | 20.0 - 20.3           | 1.6 - 1.9           |
|   | 32mm | 10012829    | ● Black with Red Tri-stripe    | 1000m           | 32.0 - 32.3           | 1.9 - 2.2           |
|   | 32mm | 10012829500 | ● Black with Red Tri-stripe    | 500m            | 32.0 - 32.3           | 1.9 - 2.2           |
|   | 32mm | 10012830    | ● Black with Green Tri-stripe  | 1000m           | 32.0 - 32.3           | 1.9 - 2.2           |
|   | 32mm | 10012830500 | ● Black with Green Tri-stripe  | 500m            | 32.0 - 32.3           | 1.9 - 2.2           |
|   | 32mm | 10012831    | ● Black with Violet Tri-stripe | 1000m           | 32.0 - 32.3           | 1.9 - 2.2           |
|   | 32mm | 10012831500 | ● Black with Violet Tri-stripe | 500m            | 32.0 - 32.3           | 1.9 - 2.2           |
|   | 32mm | 10012832    | ● Black with Brown Tri-stripe  | 1000m           | 32.0 - 32.3           | 1.9 - 2.2           |
|   | 32mm | 10012832500 | ● Black with Brown Tri-stripe  | 500m            | 32.0 - 32.3           | 1.9 - 2.2           |

## Standard (Non-Chorus) PE Telecommunications Cable Duct

|   | Size | Order Code            | Colour       | Coil Length (m) | SDR Rating | Outside Diameter (mm) | Wall Thickness (mm) |
|---|------|-----------------------|--------------|-----------------|------------|-----------------------|---------------------|
|  | 32   | Teleduct PE32/28.200  | ● Lime Green | 200m            | 17         | 32.0 - 32.3           | 1.9 - 2.2           |
|   | 32   | Teleduct PE32/28.500  | ● Lime Green | 500m            | 17         | 32.0 - 32.3           | 1.9 - 2.2           |
|   | 63   | Teleduct PE63/55.100  | ● Lime Green | 100m            | 17         | 63.0 - 63.6           | 3.8 - 4.3           |
|   | 63   | Teleduct PE63/55.150  | ● Lime Green | 150m            | 17         | 63.0 - 63.6           | 3.8 - 4.3           |
|   | 110  | Teleduct PE110/97.50  | ● Lime Green | 50m             | 17         | 10.0 - 111.0          | 6.6 - 7.4           |
|   | 110  | Teleduct PE110/97.100 | ● Lime Green | 100m            | 17         | 10.0 - 111.0          | 6.6 - 7.4           |