

Manufactured from polypropylene, Ridgiduct Power HV offers a stiff, yet flexible cable protections system, which complies fully with ENATS 12-14 Class 1 specification. It is available in sizes 100, 125 and 150mm with a black outer and red inner as standard, but can also be manufactured with a red outer and red inner.



Key Features and Benefits:

- Complies with ENATS 12-24 Class 1 specification 450N compressive strength at 75°C
- Complies with BS EN 61386-24:2010, 750N normal duty impact resistance
- Suitable for use with high-voltage, XLPE sheathed cables
- IP4X rated system(dust protection)
- Available with a red inner wall and red or black outer wall for increased identification
- Supplied with an integral coupler
- Full range of fittings and accessories available
- Low weight, flexible, durable and high in strength

ENATS
(12-24)

RIDGIDUCT POWER HV DUCT

| Product Code | ID (mm) | OD (mm) | Length (m) | Colour | Pack Qty |
|--------------------|---------|---------|------------|--------------|----------|
| RBHV100X2(B or R)* | 100 | 118 | 2 | Black or Red | 85 |
| RBHV125X2(B or R)* | 125 | 148 | 2 | Black or Red | 46 |
| RBHV150X2(B or R)* | 150 | 178 | 2 | Black or Red | 36 |
| RBHV100X3(B or R)* | 100 | 118 | 3 | Black or Red | 85 |
| RBHV125X3(B or R)* | 125 | 148 | 3 | Black or Red | 46 |
| RBHV150X3(B or R)* | 150 | 178 | 3 | Black or Red | 36 |
| RBHV100X6(B or R) | 100 | 118 | 6 | Black or Red | 85 |
| RBHV125X6(B or R) | 125 | 148 | 6 | Black or Red | 46 |
| RBHV150X6(B or R) | 150 | 178 | 6 | Black or Red | 36 |

Available in black (B) or red (R). Please specify with order.

*Red (R) and black (B) are made to order and subject to lead times.

Note: not a sealed system. Where a sealed system is required, our PVCu Power HV Duct with sealed joints tested to BS EN 1227 is available.

Joint Integrity:

The Ridgiduct Power HV system is Class 1 compliant in accordance with ENATS 12-24 Issue 3. ENATS 12-24 requires the protective properties of the joint to be not less than IP4X as specified by BS EN 60529. IP4X designates the joint as having protection against access to hazardous parts by a wire and as such should not be considered an air or water tight joint. Where a sealed systems is required, Polypipe's range of ENATS 12-24 Class 1 compliant PVCu duct with joints tested to BS EN 1277 should be considered.

RIDGIDUCT POWER HV COUPLINGS & END CAPS

| Description | Product Code | Diameter mm | Colour |
|-----------------------------|--------------|-------------|--------|
| Ridgiduct Power HV Coupling | RBC100 | 100 | Black |
| | RBC125 | 125 | Black |
| | RBC150 | 150 | Black |
| End Caps | EC1059 | 100 | Yellow |
| | EC3051 | 125 | Yellow |
| | EC1778 | 150 | Yellow |

RIDGIDUCT POWER HV BENDS

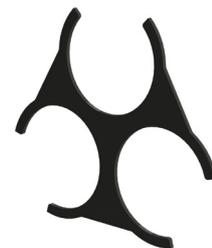
| Description | Product Code | Radius m | Angle | Colour | Pack Qty |
|-------------------------------|--------------------------|----------|--------|--------------|----------|
| PVCu Double Socket Bend 100mm | RBHVB100X11X3.9(B or R)* | 3.9 | 11.25° | Black or Red | 1 |
| | RBHVB100X22X3.9(B or R)* | 3.9 | 22.5° | Black or Red | 1 |
| | RBHVB100X45X1.2(B or R)* | 1.2 | 45° | Black or Red | 1 |
| | RBHVB100X90X1.2(B or R)* | 1.2 | 90° | Black or Red | 1 |
| PVCu Double Socket Bend 125mm | RBHVB125X11X3.9(B or R)* | 3.9 | 11.25° | Black or Red | 1 |
| | RBHVB125X22X3.9(B or R)* | 3.9 | 22.5° | Black or Red | 1 |
| | RBHVB125X45X1.2(B or R)* | 1.2 | 45° | Black or Red | 1 |
| | RBHVB125X90X1.2(B or R)* | 1.2 | 90° | Black or Red | 1 |
| PVCu Double Socket Bend 150mm | RBHVB150X11X3.9(B or R)* | 3.9 | 11.25° | Black or Red | 1 |
| | RBHVB150X22X3.9(B or R)* | 3.9 | 22.5° | Black or Red | 1 |
| | RBHVB150X45X1.2(B or R)* | 1.2 | 45° | Black or Red | 1 |
| | RBHVB150X90X1.2(B or R)* | 1.2 | 90° | Black or Red | 1 |

Available in red (R) or black (B). Please specify with order. Complies with manufacturing and test requirements of ENATS 12-24.

*Red (R) is made to order and are subject to lead times.

Trefoil Accessories: Key Features and Benefits

- Manufactured from polypropylene
- Suitable for use with both Ridgiduct Power HV duct lengths and bends
- Supports duct arrangement during installation and burial
- Ensures consistent spacing of duct lengths and bends



RIDGIDUCT POWER HV TREFOIL CLIPS

| Product Code | Diameter (mm) | Colour | Pack Qty |
|--------------|---------------|--------|----------|
| RBTC100 | 100 | Black | 10 |
| RBTC125 | 125 | Black | 10 |
| RBTC150 | 150 | Black | 10 |

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