

# PVC DUCT BENDS TELECOMMUNICATIONS

**EF450-011 (Rev4)**



## **General**

Emtelle PVC Telecommunications Duct bends are manufactured from a solid wall duct and provide the means to change direction and/or depth on a ducted network.

All bends come with an interference fit socket joint, with the opposing end being a plain spigot.

Bends are formed from duct manufactured to Emtelle Generic Specification EF450-017 PVC Duct (Telecommunications), and should only ever be used with this duct.

The bends are designed to comply with BS EN 61386 (formerly BS EN 50086-2-4) Industry Standard (450N class).

PVC bends are supplied in either non-returnable woven polypropylene sacks which are biodegradable, or strapped. The sacks are designed to be stored on an even, dry and stable area; they are not to be stacked upon.

## **Physical Characteristics**

Raw materials are PVC resin and other additives suitable for the required properties of the finished product. Standard colours are Green, Grey, Dark Grey, White and Red.

## **Standard Bend Sizes**

Nominal OD of duct	Angle	Radius
33mm*	90°	324mm
53.9mm	11 ¼°	350mm
53.9mm	22 ½°	350mm
53.9mm	45°	150mm
53.9mm	90°	200mm
53.9mm	45°	350mm
53.9mm*	90°	320mm
53.9mm	90°	592mm
88.9mm	11 ¼°	350mm
88.9mm	22 ½°	350mm
88.9mm	45°	350mm
88.9mm	90°	250mm
96.5mm	9°	5,180mm
96.5mm	11 ¼°	700mm
96.5mm	11 ¼°	5,180mm
96.5mm	18°	2,685mm
96.5mm	22 ½°	427mm
96.5mm	22 ½°	700mm

Other Non-Standard bends may be available upon request.

Nominal OD of duct	Angle	Radius
96.5mm	45°	350mm
96.5mm	90°	427mm
96.5mm	90°	250mm
110mm	11 ¼°	700mm
110mm	11 ¼°	3,500mm
110mm	22 ½°	700mm
110mm	22 ½°	1,750mm
110mm	45°	560mm
110mm	90°	450mm
125mm	11 ¼°	1,200mm
125mm	22 ½°	1,200mm
125mm	45°	1,200mm
125mm	90°	1,200mm
160mm	11 ¼°	560mm
160mm	22 ½°	560mm
160mm	45°	560mm
160mm	90°	560mm

\* Double Interference joint

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