



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

Nominal OD of duct	Angle	Radius
96.5mm	45°	350mm
96.5mm	90°	427mm
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

Other Non-Standard bends may be available upon request.

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