



PVC DUCT REPAIR KITS & SPLIT DUCTS (TELECOMMUNICATIONS)

EF450-002 (Rev2)



General

Emtelle Repair Kits & Split Ducts have been developed as a means of repairing duct systems for Telecoms applications, which experience the majority of third party damage by other Utilities due to the depth of burial of these systems.

Size range is 96.5mm and 110mm OD with tongue and groove connection for split duct to ensure ease of installation and security of repair, following reinstatement of excavation post repair. 53.9mm Split Duct & Repair Kits are available upon request. Emtelle can fabricate kits for larger sizes and other applications if requested.

Individual Repair Kits are supplied in a polyethylene bag and include an installation guide; these kits in turn are then packed in non-returnable woven polypropylene sacks, which are biodegradable. The sacks are designed to be stored on an even, dry and stable area; they are not to be stacked upon.

Physical Characteristics

Split Duct is manufactured from PVC. Each length is 3m and is split in 2 to create two half circles, which enables the cabled duct to be repaired, it can be cut to size to suit the actual repair. Where two half circles meet the wall of the duct has a tongue at one side and a groove at the other to ensure secure location of the two halves. Cable straps are used to secure the assembly.

The combination of a Split Collar insert and up to 3 Duct liners provides compatibility for a range of duct bore diameters, dependant on the Repair Kit / Split Duct size chosen.

Kit will include: 2 x PVC split Collars (4 halves), 6 x Duct Liners and 8 x Nylon Cable straps.

Split Duct / Repair Kit Size	Duct Bore Size Nominal	Duct Bore Range
96.5mm	96.5mm = 90mm Bore	88mm – 95mm
110mm	110mm = 103mm Bore	98mm – 105mm

Attention should be paid to the split collar Inserts, these are clearly marked SMALL & LARGE diameters respectively, on each spigot end. Either spigot end will fit in to the split duct it is designed to be used with. (NB Split duct and repair kits should only be used together with the same size e.g. 96.5mm split duct with 96.5mm repair kits).

Standard Colours are Green, White, Grey, and Orange.

Other colours may be available upon request.



Dimensions, Colours & Product Codes

(1) Repair Kits (inc. inserts)

Nominal OD of Duct	Colour	Kits per Bag	Code
96.5mm	Green	20	2226
96.5mm	Grey	20	3285
96.5mm	White	20	3435
96.5mm	Orange	20	4000
110mm	Green	20	4508

(2) Split Duct

Nominal OD of Duct	Colour	Kits per Bag	Code
53.9mm	Green	50	70978
96.5mm	Green	20	2393
96.5mm	Grey	20	3286
96.5mm	White	20	3436
110mm	Green	20	
110mm	Grey	20	4426

(3) Split Bends (Comes with 3 split couplers)

Nominal OD of Duct	Colour	Kits per Bag	Code
53.9mm	Green	85	70976

(4) Split Coupler

Nominal OD of Duct	Colour	Kits per Bag	Code
53.9mm	Green	100	70977

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