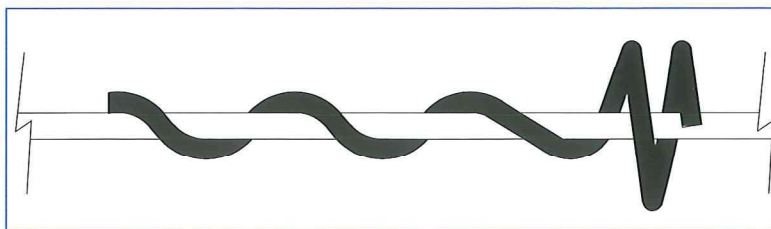


## ENVIRONMENTAL

### PREFORMED™ Bird Flight Diverters



#### Application

The PREFORMED™ Bird Flight Diverter is designed to make overhead lines visible to birds and provides an economic means of reducing the hazard to both lines and birds. For low and medium voltage construction (up to 40 KV) it is applied to the phase conductors (bare or jacketed). For high voltages it is used on the earth wire.

The fitting is light in weight, offers little wind resistance and is easily and quickly applied. The positive grip of the fitting on the conductor ensures that it remains in the applied position and cannot move along the span under aeolian vibration.

The diverter section increases the visible profile of the cable or conductor to a degree necessary to ensure safety, but avoids an undesirably bulky outline.

Spacing distances are not critical and will depend upon local conditions. Since wind resistance is very limited, sufficient fittings can be used to ensure adequate visibility without creating stresses on the line. When marking adjacent spans, overall visibility is improved by staggering the application.

#### Construction

Manufactured from rigid solid high impact polyvinyl chloride possessing excellent chemical and strength properties and which will retain good physical characteristics within a range of extreme temperatures. Outdoor aging tests indicate that the material does not deteriorate in function or appearance from the effects of severe weather or pollution.

#### Lay Direction

PREFORMED™ Bird Flight Diverters are supplied right hand lay for both right hand and left hand lay bare conductors and jacketed cables.

#### Product Referencing and Ordering

Contact PLP (GB) Ltd with the following information:-

- Quantity
- Catalogue number
- Product name
- Strand: Material  
Diameter

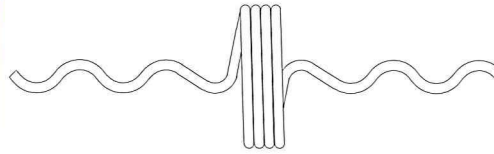
CATALOGUE NUMBER	CONDUCTOR RANGE (mm)	OVERALL LENGTH(mm)	INTERNAL DIA OF DIVERTER COIL	DIAMETER OF PVC RODS	COLOUR CODE
BFD 5249001	4.45 - 6.34	178.00	57.00	9.50	BLACK
BFD 5249002	6.35 - 8.88	216.00	63.00	9.50	BLUE
BFD 5249003	8.89 - 11.43	241.00	69.00	9.50	BROWN
BFD 5249004	11.43 - 15.21	279.00	76.00	9.50	GREEN
BFD 5249005	15.22 - 19.55	330.00	101.00	12.70	PURPLE
BFD 5249006	19.56 - 21.81	381.00	107.00	12.70	RED

Other diverter coil diameters are available on request.

3-6-2/1

## ENVIRONMENTAL

### *PREFORMED™ Bird Flight Diverters*

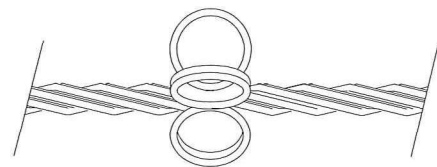
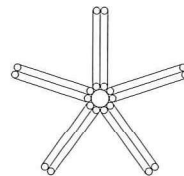


The PREFORMED™ Plastic Bird Flight Diverter is a larger size providing a helix each side of a coiled loop.

Not only does this provide a prominent warning to birds of an overhead line, but it also affords protection to the conductors by preventing clashing due to heavy impacts. This product is generally supplied in a red colour.

CATALOGUE NUMBER	CONDUCTOR RANGE (mm)
BFD 5249062	5.08 - 8.88
BFD 5249063	8.89 - 12.08
BFD 5249065	12.09 - 15.96
BFD 5249066	15.22 - 19.55
BFD 5249067	19.08 - 22.88

3-6-2/2



The PREFORMED™ Metal Bird Flight Diverter is also available for use on earth wires for high voltage construction. This comprises of a number of spiral loops. Details will be provided upon request.