

Bird Flapper



General Recommendations

The Bird Flapper is designed to make overhead lines visible to birds and provides a cost beneficial 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 Flapper Disc is made of Polycarbonate UV stabilised engineering plastic, while the attachment clamp is 40% GR Nylon UV stabilised material. The connecting rings are stainless steel grade 316.

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

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

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Bird Flapper

Colour: Black or white or red. It is also available with a luminescent coating that makes it visible at night.

Helical Suspender: Is also available instead of the plastic screw type clamp. Details on application.

Application

By Hand: Place the Bird Flapper with the conductor located in the jaw of the Flapper and turn the screw eye until the screw eye breaks off at the break-away point of the shank. The ring stopper prevents the disc from flipping over and remaining immobile on the conductor.

Live-Line: The Flapper is placed in the standard clamp stick head. A quarter turn of the clamp stick head locks the tool on the screw eye. The link-stick is raised up to the conductor, locating the conductor into the jaw of the Flapper. The link-stick is rotated to screw the Flapper onto the conductor until the screw eye breaks off.

Spacing: 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. The general rule is to apply Flappers at 10 m intervals.

CATALOGUE NO.	CONDUCTOR DIAMETER RANGE MM	MASS OF FITTING GRAMS
LSFB 0416 Red	4 to 16	85
LSFB 0416 White	4 to 16	85
LSFB 0416 Black	4 to 16	85
LSFB 0416 Lumin.	4 to 16	85

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