

Air Flow Spoiler

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

The PREFORMED™ **Air Flow Spoiler (AFS)** is designed to counteract full span galloping which is a damaging wind and ice related phenomenon. Galloping is a low frequency, high amplitude motion which can occur on the conductors and earthwires on Overhead Electrical Power Transmission and Distribution Lines, other aerial cables and mast stays, causing mechanical damage. Fittings and support structures can also be damaged. Transmission and Distribution Lines can experience outages.

The PREFORMED™ **Air Flow Spoiler** maintains aerodynamic stability by continually changing the profile of the conductor or cable to the wind and preventing a constant longitudinal section of ice build up.

The PREFORMED™ **Air Flow Spoiler** has proven effective in the field; significantly reducing galloping, abrasion and fatigue.

Features

Two factory formed helical gripping sections secure the 'spoiling section' on the conductor or cable. The PREFORMED™ **Air Flow Spoiler** is 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 ageing tests indicate that the material does not deteriorate in function or appearance due to the effects of severe weather conditions.

Industrial pollution and salt water cannot seriously degrade the properties of the rigid PVC.

Documentation

Application Procedures

[SP-2697 \(Air Flow Spoiler\)](#)

[SP-3279 \(High Temperature Air Flow Spoiler\)](#)

Preformed Line Products (GB) Ltd. Catalogue Pages:

[Air Flow Spoiler Catalogue Pages](#)

Corporate Catalogue Pages:

[Air Flow Spoiler - Distribution Catalogue](#)

[Air Flow Spoiler - Transmission Catalogue](#)

[Air Flow Spoiler - Fiber Networks Catalogue](#)

[Air Flow Spoiler for Telecommunications Cables](#)

Sales Materials

[Air Flow Spoiler - Sell Sheet](#)

Reports and Guide Books

[Conductor Galloping Basics](#)

[Overhead Distribution Line Repair Manual](#)

Part Tables

Preformed Line Product Ltd. Corporate Part Tables:

Catalog Number	Diameter Range (Inches)		Length (Feet)	Wt./Unit Lbs.	Color Code
	Min.	Max.			
5058100	0.250	0.326	13-1/2	1.00	Red
5058101	0.327	0.461	13-1/2	1.00	White
5058102	0.462	0.563	14	2.25	Orange
5058103	0.564	0.76	14-1/2	2.40	Yellow
5058104	0.761	0.926	15	4.25	Blue
5058105	0.927	1.019	15-1/4	4.50	Black
5058106	1.020	1.165	15-3/4	5.50	Purple
5058107	1.166	1.469	16	5.75	Brown
5058108	1.470	1.602	17	9.50	Green
5058109	1.603	1.762	17-1/2	9.75	Pink