

# Spiral Vibration Damper

**Weight:** 0.00kg

**Dimensions:** 0.00cm x 0.00cm x 0.00cm

## Description

The PREFORMED™ **Spiral Vibration Damper** reduces levels of aeolian vibration on the conductor and earthwires on Overhead Electrical Power Transmission Lines or other aerial cables.

Each PREFORMED™ **Spiral Vibration Damper** has a helically formed damping section which fits loosely on the conductor and provides the action/reaction motion that opposes and damps the aeolian vibration. A smaller gripping section gently grips the conductor without imposing significant clamping forces.

The degree of protection needed for a specific application depends on a number of factors such as line design, temperature, tension and exposure to wind flow. In general, PREFORMED™ **Spiral Vibration Damper** are suitable for use on conductors up to about 20mm in diameter.

## Features

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.

Lay direction is not critical. Ensure the correct sized fitting is used. The gripping section should be installed approximately one hand's width from the ends or Armor Rods or other hardware.

## Documentation

### Application Procedures

[SP-2130 \(Spiral Vibration Damper\)](#)

[SP3278 \(Subset Method for Multiple Spiral Vibration Damper and FIBERLIGN® Dielectric Dampers\)](#)

## **Preformed Line Products (GB) Ltd. Catalogue Pages**

[Spiral vibration Damper Catalogue Pages](#)

## **Catalogue Pages**

[Spiral Vibration Damper - Catalogue](#)

## **Sales Materials**

[Spiral Vibration Damper - Sell Sheet](#)

## **Reports & Manuals**

[Aeolian Vibration Basics](#)

[Overhead Line Distribution Repair Manual](#)

## **Part Tables**

**Preformed Line Products (GB) Ltd. Part Tables:**

# AEOLIAN VIBRATION CONTROL

*PREFORMED™ Spiral Vibration Damper*

CATALOGUE No.	CONDUCTOR DIAMETER RANGE mm		ROD DIAMETER	LENGTH mm	APPROX WEIGHT PER 100 KGS
	MIN	MAX			
SVD5224104	1.27	2.02	6.35	508.0	2.6
SVD5224105	2.03	3.42	6.35	508.0	2.6
SVD5224106	3.43	4.41	9.52	1117.6	12.2
SVD5224107	4.42	6.34	12.70	1168.4	23.8
SVD5224108	6.35	8.30	12.70	1244.6	26.0
SVD5224109	8.31	11.72	12.70	1295.4	28.2
SVD5224110	11.73	14.32	12.70	1346.2	30.4
SVD5224111	14.33	19.32	19.05	1549.4	88.0

SPAN LENGTH	NUMBER OF DAMPERS
Up to 250 metres	2 dampers per span
250 metres to 500 metres	4 dampers per span (2 subsets of 2)
500 metres to 750 metres	6 dampers per span (2 subsets of 3)
750 metres to 1125 metres	9 dampers per span (3 subsets of 3)
1125 metres to 1500 metres	12 dampers per span (4 subsets of 3)