

STEEL FLEXIBLE CONDUIT

Description

Velkor Galvanized Flexible Metal Conduit is manufactured from helically wound galvanized steel strip, providing adaptable cable routing and mechanical protection in dry, protected installations.

Two constructions are available: Interlocked (Greenfield) uses overlapping locked seams for increased mechanical strength, while Square-Lock uses a square-profile seam for greater flexibility and tighter routing.

Features

All-metal galvanized construction with a smooth internal path, multiple sizes, wall options, and coil lengths available.

Application

Suitable for machinery, equipment connections, ceilings, confined spaces, and installations exposed to movement or vibration.

VELKOR TIP

Choose Interlocked Greenfield where mechanical strength is the priority and Square-Lock where easier bending is preferred; neither type should be treated as liquidtight without a suitable jacket and compatible fittings.

Parameter	Value
Material	Galvanized Steel Strip
Construction	Greenfield / Square-
Surface Finish	Galvanized
Outer Jacket	None
Liquidtight	No
Supply Form	Coils
Color	Metallic Silver
Coil Length	Customizable



FLEXIBLE METAL CONDUIT

GREENFIELD

American standard, heavyweight galvanized steel raceway for flexible routing in dry-location installations, manufacturing according UL1 standard.

Size Chart

VELKOR ITEM NO.	TRADE SIZE	INSIDE DIAMETER (MM)		OUTSIDE DIAMETER (MM)	
		MIN	MAX	MIN	MAX
VK-4101	1/2"	15.90	16.30	20.90	23.30
VK-4102	3/4"	20.70	21.20	26.60	28.00
VK-4103	1"	25.40	26.40	33.00	35.00
VK-4104	1 1/4"	31.80	33.00	39.40	41.40
VK-4105	1 1/2"	38.20	40.00	48.70	49.40
VK-4106	2"	50.90	52.80	59.70	62.20
VK-4107	2 1/2"	63.60	64.40	72.70	77.70
VK-4108	3"	76.30	76.90	98.20	90.40
VK-4110	4"	101.70	102.80	110.80	115.80

CONSTRUCTION & SELECTION

Construction	Product Positioning	Typical Selection
Greenfield	Heavyweight American-style flexible metal conduit	Selected where a heavier construction and stronger cable protection are preferred
Square-Lock	Flexible conduit formed with a square-lock profile	Selected where lighter weight and easier routing are preferred



FLEXIBLE METAL CONDUIT SQUARE LOCK

Square-lock galvanized construction for extra flexible cable protection and cost effective option.

Size Chart

VELKOR CAT#	TRADE SIZE	INSIDE DIAMETER (MM)		OUTSIDE DIAMETER (MM)	
		MIN	MAX	MIN	MAX
VK-4101B	1/2"	12.20	12.80	15.00	15.80
VK-4102B	3/4"	18.60	19.50	21.50	22.50
VK-4103B	1"	24.60	25.60	28.00	28.80
VK-4104B	1 1/4"	31.50	32.30	36.60	38.00
VK-4105B	1 1/2"	37.80	38.50	41.60	43.00
VK-4106B	2"	49.80	50.60	55.20	56.20
VK-4107B	2 1/2"	62.50	63.50	69.40	70.80
VK-4108B	3"	75.50	76.50	82.50	83.80
VK-4110B	4"	101.50	102.50	108.00	109.10

