



BC  
CONDUIT



FLEXIBLE METAL &  
LIQUID TIGHT  
CONDUIT

SaudiFastGrowth **100**  
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# FMC - FLEXIBLE CONDUIT

## UL LISTED FLEXIBLE STEEL CONDUIT (REDUCED WALL STEEL .TYPE RWS)

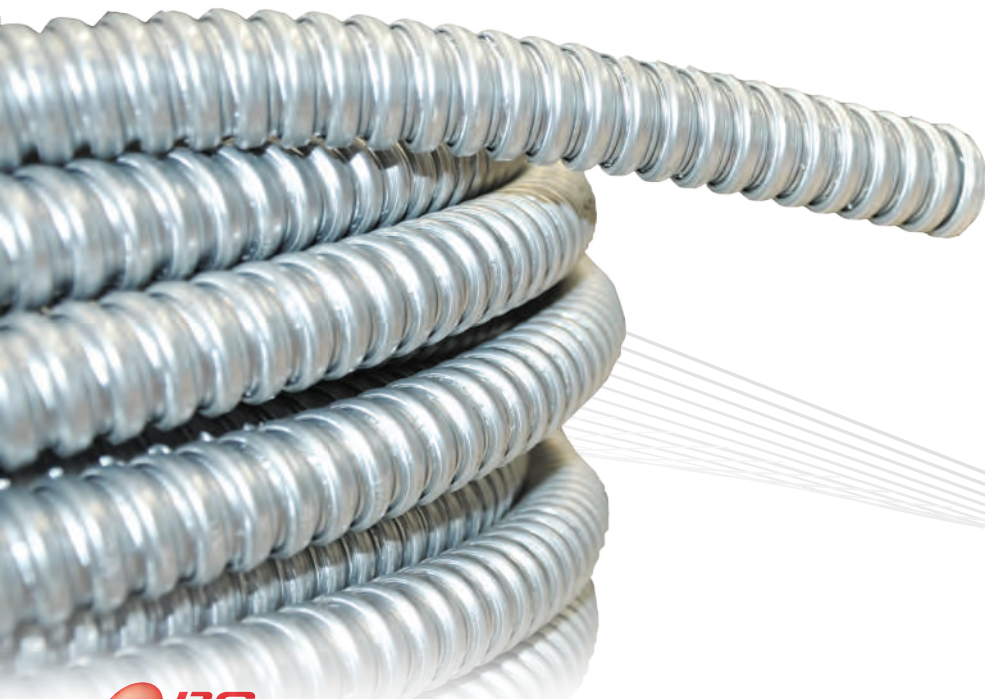
Flexible conduit is manufactured with a continuous spiral wound strip of corrosion rust resistant, hot dipped galvanized steel according to UL1.

## APPLICATIONS

This conduit is intended for installation as a metal raceway for wires and cable in accordance with the National Electrical Code, NFPA 70, and FMC shall be permitted to be used in the exposed and concealed locations.

## FEATURES :

- UL listed under file no. E329339
- Smooth interior for easy wire pulling
- Able to withstand high temperatures
- Durable crush-proof construction
- Corrosion and rust resistant.
- Easy installation to follow contours and flexibility for simplified positioning.
- Crush resistant



# FMC - FLEXIBLE CONDUIT

## UL LISTED FLEXIBLE STEEL CONDUIT (REDUCED WALL STEEL .TYPE RWS)

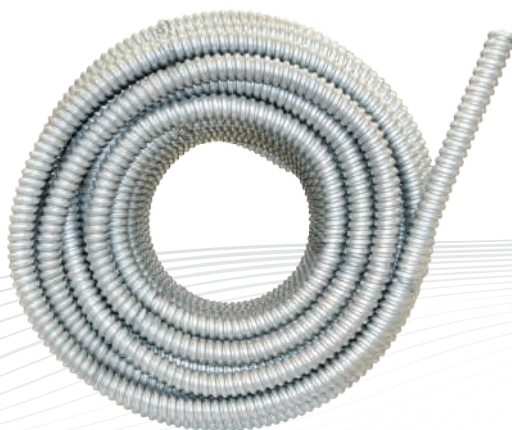
Dimensions in millimeters

ITEM CODE	CONDUIT SIZE	METRIC DESIGNATOR	ACCEPTABLE INTERNAL DIAMETERS «MM»		ACCEPTABLE INTERNAL DIAMETERS «MM»		MIN. BENDING RADIUS «MM»	LENGTH OF CONDUIT «M/ROLL
			MIN	MAX	MIN	MAX		
FMCUL050	½	16	21.84	23.37	15.88	16.38	76.2	30
FMCUL075	¾	21	26.54	28.07	20.62	21.21	101.6	30
FMCUL100	1	27	33.02	35.05	25.4	26.42	127	15
FMCUL125	1 ¼*	35	39.37	41.4	31.75	33.02	158.75	15
FMCUL150	1 ½*	41	46.99	49.53	38.1	40.01	190.5	7.5
FMCUL200	2 *	53	59.68	62.32	50.8	52.83	254	7.5

\* UL certification under process.

ITEM CODE	CONDUIT SIZE	METRIC DESIGNATOR	ACCEPTABLE INTERNAL DIAMETERS INCH		ACCEPTABLE INTERNAL DIAMETERS INCH		MIN. BENDING RADIUS INCH	LENGTH OF CONDUIT «FEET/ROLL
			MIN	MAX	MIN	MAX		
FMCUL050	½	16	0.860	0.920	0.625	0.645	3	100
FMCUL075	¾	21	1.045	1.105	0.812	0.835	4	100
FMCUL100	1	27	1.300	1.380	1.000	1.040	5	50
FMCUL125	1 ¼ *	35	1.550	1.630	1.250	1.300	6.25	50
FMCUL150	1 ½ *	41	1.850	1.950	1.500	1.575	7.5	25
FMCUL200	2 *	53	2.350	2.450	2.000	2.080	10	25

\* UL certification under process.



# FMC - FLEXIBLE CONDUIT

## NON - UL TYPE FLEXIBLE CONDUIT (REDUCED WALL STEEL .TYPE RWS)

### APPLICATIONS

- Intended for applications where listed products is NOT Required..

### FEATURES

- Constructed from Hot dip galvanized zinc coating.
- Smooth interior for easy wire pulling
- Able to withstand high temperatures
- Durable crush-proof construction
- Corrosion and rust resistant.
- Easy installation to follow contours and flexibility for simplified positioning.
- Crush resistant



Dimensions in millimeters

ITEM CODE	CONDUIT SIZE	METRIC DESIGNATOR	ACCEPTABLE EXTERNAL DIAMETERS «MM»	ACCEPTABLE INTERNAL DIAMETERS «MM»	MIN. BENDING RADIUS «MM»	LENGTH OF CONDUIT «M/ROLL
			LESS THEN	MORE THEN		
FMCNU050	1/2	16	23.37	15.88	76.2	30
FMCNU075	3/4	21	28.07	20.62	101.6	30
FMCNU100	1	27	35.05	25.4	127	15
FMCNU125	1 1/4 *	35	41.4	31.75	158.75	15
FMCNU150	1 1/2 *	41	49.53	38.1	190.5	7.5
FMCNU200	2 *	53	62.32	50.8	254	7.5

Dimensions in Inches

ITEM CODE	ITEM CODE	METRIC DESIGNATOR	ACCEPTABLE EXTERNAL DIAMETERS «MM»	ACCEPTABLE INTERNAL DIAMETERS «MM»	MIN. BENDING RADIUS «INCH»	LENGTH OF CONDUIT «FEET/ROLL
			LESS THEN	MORE THEN		
FMCNU050	1/2	16	0.920	0.625	3	100
FMCNU075	3/4	21	1.105	0.812	4	100
FMCNU100	1	27	1.380	1.000	5	50
FMCNU125	1 1/4	35	1.630	1.250	6.25	50
FMCNU150	1 1/2	41	1.950	1.500	7.5	25
FMCNU200	2	53	2.450	2.000	10	25

# FMC - FLEXIBLE CONDUIT

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## LIQUID - TIGHT METALIC CONDUIT (NON -UL)

### APPLICATIONS:

- Liquid tight metal flexible conduits shall be used where listed products not required.
- Electrical raceways.
- Used in industrial and commercial applications for conveyers, blowers, cranes hoists, air conditioners, Machine Tools Industrial environment and lubricant equipment.
- Wet and Oily Locations.
- Outdoor use due to the inherent UV resistance of PVC.

### FEATURES:

- Corrosion resistance steel core.
- Durable, abrasion resistance PVC jacket.
- Smooth interior for easy wire pull.
- Sunlight, heat, oil and chemical resistance.
- For exposed or concealed installations.



# FMC - FLEXIBLE CONDUIT

## LIQUID - TIGHT METALIC CONDUIT (NON -UL)

### Dimensions in millimete

ITEM CODE	CONDUIT SIZE	METRIC DESIGNATOR	ACCEPTABLE INTERNAL DIAMETER MM		EXTERNAL DIAMETER OVER JACKET MM		JACKET THICKNESS «INCH»	MIN. BENDING RADIUS «MM»	LENGTH OF CONDUIT «M/ROLL
			MIN	MAX	MIN	MAX	MIN		
FLCNU050	½	16	15.80	16.31	20.83	21.34	0.76	165.1	30
FLCNU075	¾	21	20.83	21.34	26.16	26.67	0.89	215.9	30
FLCNU100	1	27	26.44	27.08	32.77	33.40	0.89	330.2	30
FLCNU125	1 ¼ *	35	35.05	35.81	41.40	42.16	0.89	406.4	15

### Dimensions in Inches

ITEM CODE	CONDUIT SIZE	METRIC DESIGNATOR	ACCEPTABLE INTERNAL DIAMETER "INCH"		EXTERNAL DIAMETER OVER JACKET «INCH»		JACKET THICKNESS «INCH»	MIN. BENDING RADIUS INCH	LENGTH OF CONDUIT FEET/ROLL
			MIN	MAX	MIN	MAX	MIN		
FLCNU050	½	16	0.622	0.642	0.820	0.840	0.030	6.5	100
FLCNU075	¾	21	0.820	0.840	1.030	1.050	0.035	8.5	100
FLCNU100	1	27	1.041	1.066	1.290	1.315	0.035	13	100
FLCNU125	1 ¼ *	35	1.380	1.410	1.630	1.660	0.035	16	50



**Bahra Advanced Cable Manufacture Co. Ltd.**

ص.ب. ٥٩٨٩ جدة ٢١٤٣٢، المملكة العربية السعودية، هاتف: ١١١٥ ١٢ ٥٩١ +٩٦٦ فاكس: ٥٦٨٣ ١٢ ٥٩١ +٩٦٦  
P O Box 5989, Jeddah 21432, Saudi Arabia, Tel: +966 12 591 1115, Fax: +966 12 591 5683

For any information pls contact us at

[conduit@bahra-cables.com](mailto:conduit@bahra-cables.com)

**CUSTOMER SERVICE: +966 92 001 1127 / 800 124 8111**