





**MODERN IRON WORKS** is a world leading manufacturer of vast outstanding range of metallic & non-metallic flexible conduit system. In this way, **MODERN IRON WORKS** provides a one-stop shop for all your electrical conduit - whatever your business.

All our products are manufactured strictly as per the specification and design laid by accepted technical standards. As a manufacturer we have a total control over the quality of the products, right from the raw materials to the finished products. Rigorous quality & control is done. Products have gained popularity among the quality conscious customers.

**MODERN IRON WORKS** is in existence since 1960 and continue to operate as an independent owned family business. It is a very old and organised institute in this field of manufacturing and all the machinery used in this process of making all types of flexible conduit is designed by **MODERN IRON WORKS** itself.

We have experienced major growth in both home & overseas markets through our commitment & dedication and we have certainly the brand you can rely on.

**SINCE 1960**



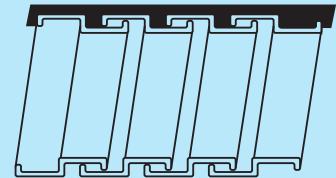
## LIQUID TIGHT STEEL FLEXIBLE CONDUIT MIWFC1001

### CONSTRUCTION

Liquid tight Square lock flexible conduit is made by galvanized steel flexible inner core which is pressure coated with an oil resistant, high temperature grade of plasticized PVC. The PVC is keyed into the corrugations of the inner steel flexible core, which prevents the PVC from wrinkling when the conduit is bent to its minimum bend radius. The PVC coating provides a smooth outer surface onto which liquid tight compression fittings can be secured. Liquid tight steel conduit offers high mechanical strength combined with complete protection against liquids and dust. It is suitable for regular movements and vibration. **All sizes made are of Inside Diameter & is Commercial Grade Quality.**

### APPLICATION

Excellent resistance to Vibration & Oil.  
Complete protection against most liquids and moisture vapor.  
Lasting wiring protection where listed products are not required.  
Provides a heavy-duty liquid-tight raceway for machine builders.  
Strip thickness varies from 0.20mm - 0.30mm for different quality.  
Durable, abrasion resistant PVC jacket won't wrinkle in tight bends or shrink from cut ends.



SQUARE LOCK

### WORKING TEMPERATURE

Min : 15°C Max : 70°C

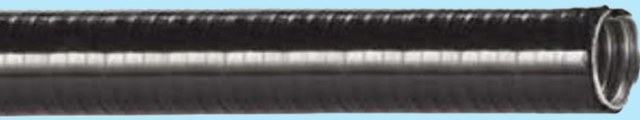
### SPECIFICATION

We provide filler of Cotton, Nylon Threads & Copper Wire in between as per requirement

Part No	Size in Inches	Inside Diameter mm	Outside Diameter mm	Bending Radius mm	Standard Length Meter (mtr)
MIWLT 1001	3/8"	12.5	17.5	40.0	50-100
MIWLT 1005	1/2"	16.5	21.0	40.0	50-100
MIWLT 1010	3/4"	20.5	26.0	50.0	25-50
MIWLT 1015	1"	26.0	31.5	60.0	25-50
MIWLT 1020	1 1/4"	35.0	41.5	70.0	10-20-30
MIWLT 1025	1 1/2"	39.0	47.0	80.0	10-20-30
MIWLT 1030	2"	51.0	59.0	90.0	10-20-30
MIWLT 1035	2 1/2"	62.5	72.0	100.0	7.5-10-15
MIWLT 1040	3"	76.0	87.0	110.0	7.5-10-15
MIWLT 1045	3 1/2"	88.0	101.0	115.0	7.5-10-15
MIWLT 1050	4"	101.0	112.0	125.0	7.5-10-15

All sizes varies plus minus below 2" - 1mm above 2" - 3 mm

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.



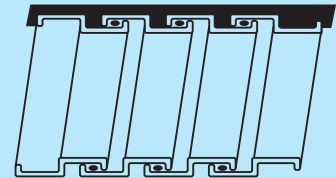
## LIQUID TIGHT STEEL FLEXIBLE CONDUIT EQUIVALENT UL MIWFC2002

### CONSTRUCTION

Liquid tight Square lock flexible conduit is made by galvanized steel flexible inner core which is pressure coated with an oil resistant, high temperature grade of plasticized PVC. The PVC is keyed into the corrugations of the inner steel flexible core, which prevents the PVC from wrinkling when the conduit is bent to its minimum bend radius. The PVC coating provides a smooth outer surface onto which liquid tight compression fittings can be secured. Liquid tight steel conduit offers high mechanical strength combined with complete protection against liquids and dust. It is suitable for regular movements and vibration. Its Construction is based on Inside Diameter followed by US Standard.

### APPLICATION

- Excellent resistance to Vibration & Oil.
- Complete protection against most liquids and moisture vapor.
- Lasting wiring protection where listed products are not required.
- Provides a heavy-duty liquid-tight raceway for machine builders.
- Strip thickness varies from 0.25mm - 0.50mm for different quality.
- Durable, abrasion resistant PVC jacket won't wrinkle in tight bends or shrink from cut ends.



SQUARE LOCK WITH FILLER

### WORKING TEMPERATURE

Min : 15°C Max : 70°C

### SPECIFICATION

We provide filler of Cotton, Nylon Threads & Copper Wire in between as per requirement

Part No	Sizes in inches	Inside Diameter mm		Outside Diameter mm		Bending Radius mm	Standard Length Meter (mtr)
		Min	Max	Min	Max		
LTSL 2001	3/8"	<b>12.29</b>	12.80	<b>17.50</b>	18.00	50.0	15-30-50
LTSL 2005	1/2"	<b>15.80</b>	16.31	<b>20.80</b>	21.30	75.0	15-30-50
LTSL 2010	3/4"	<b>20.83</b>	21.34	<b>25.20</b>	26.70	100.0	15-30-50
LTSL 2015	1"	<b>26.44</b>	27.08	<b>32.80</b>	33.40	125.0	15-30-50
LTSL 2020	1 ¼"	<b>35.05</b>	35.81	<b>41.40</b>	42.20	155.0	15-30
LTSL 2025	1 ½"	<b>40.01</b>	40.64	<b>47.40</b>	48.30	180.0	15-30
LTSL 2030	2"	<b>51.31</b>	51.94	<b>59.40</b>	60.30	230.0	15-30
LTSL 2035	2 ½"	<b>62.99</b>	63.63	<b>72.80</b>	73.00	280.0	7.5-10-15
LTSL 2040	3"	<b>77.98</b>	78.74	<b>87.90</b>	88.90	330.0	7.5-10-15
LTSL 2045	3 ½"	<b>88.90</b>	89.92	<b>100.60</b>	101.60	380.0	7.5-10-15
LTSL 2050	4"	<b>101.60</b>	102.62	<b>113.30</b>	114.30	450.0	7.5-10-15

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.





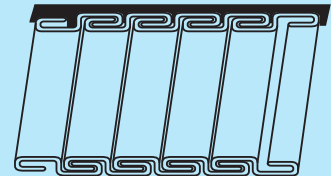
## LIQUID TIGHT STEEL FLEXIBLE CONDUIT EQUIVALENT UL MIWFC3003

### CONSTRUCTION

Interlock Liquid tight flexible conduit is made by galvanized steel flexible inner core which is pressure coated with an oil resistant, high temperature grade of plasticized PVC. The PVC is keyed into the corrugations of the inner steel flexible core, which prevents the PVC from wrinkling when the conduit is bent to its minimum bend radius. The PVC coating provides a smooth outer surface onto which liquid tight compression fittings can be secured. Liquid tight steel conduit offers high mechanical strength combined with complete protection against liquids and dust. It is suitable for regular movements and vibration. Its Construction is based on Inside Diameter followed by US Standard

### APPLICATION

- Excellent resistance to Vibration & Oil.
- Accepts standard UL Listed Liquid tight connectors.
- Complete protection against most liquids and moisture vapor.
- Lasting wiring protection where listed products are not required.
- Provides a heavy-duty liquid-tight raceway for machine builders.
- Strip thickness varies from 0.25mm - 0.60mm for different quality.
- Durable, abrasion resistant PVC jacket won't wrinkle in tight bends or shrink from cut ends.



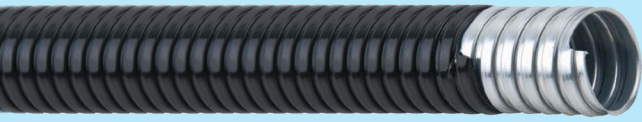
INTER LOCK

**WORKING TEMPERATURE** Min : 15°C Max : 70°C

**SPECIFICATION** We provide filler of Cotton, Nylon Threads & Copper Wire in between as per requirement

Part No	Sizes in inches	Inside Diameter mm		Outside Diameter mm		Bending Radius mm	Standard Length Meter (mtr)
		Min	Max	Min	Max		
LTEQ 3001	3/8"	<b>12.29</b>	12.80	<b>17.50</b>	18.00	50.0	15-30-50
LTEQ 3005	1/2"	<b>15.80</b>	16.31	<b>20.80</b>	21.30	75.0	15-30-50
LTEQ 3010	3/4"	<b>20.83</b>	21.34	<b>25.20</b>	26.70	100.0	15-30-50
LTEQ 3015	1"	<b>26.44</b>	27.08	<b>32.80</b>	33.40	125.0	15-30-50
LTEQ 3020	1 1/4"	<b>35.05</b>	35.81	<b>41.40</b>	42.20	155.0	15-30
LTEQ 3025	1 1/2"	<b>40.01</b>	40.64	<b>47.40</b>	48.30	180.0	15-30
LTEQ 3030	2"	<b>51.31</b>	51.94	<b>59.40</b>	60.30	230.0	15-30
LTEQ 3035	2 1/2"	<b>62.99</b>	63.63	<b>72.80</b>	73.00	280.0	7.5-10-15
LTEQ 3040	3"	<b>77.98</b>	78.74	<b>87.90</b>	88.90	330.0	7.5-10-15
LTEQ 3045	3 1/2"	<b>88.90</b>	89.92	<b>100.60</b>	101.60	380.0	7.5-10-15
LTEQ 3050	4"	<b>101.60</b>	102.62	<b>113.30</b>	114.30	450.0	7.5-10-15

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.



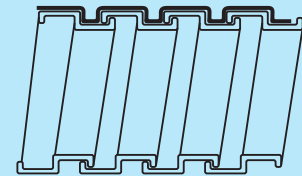
## GALVANISED STEEL FLEXIBLE CONDUIT WITH P.V.C. COATED MIWFC4004

### CONSTRUCTION

P.V.C. Coated Square Lock Construction is helically wound, galvanized steel core with uniform coating of low smoke fume PVC is then extruded on conduit features highly flexible & largely resistance to oil. These jacketed conduit is designed with dimensions that is accepted by British Standard. These flexible steel conduit is available in poly vinyl coating in all colors(on request) with spiral corrugated pattern finished surface.

### APPLICATION

Electric and Voltage Resistant  
High Impact Strength & Low smoke density.  
Water resistance Ideal for low fire Hazard specifications  
Suitable for Commercial as well as Industrial Application  
Can be used for mechanical protection of cable and wire in tunnels, hospitals, high-rise office blocks and public buildings, underground etc.



SQUARE LOCK COATED

**WORKING TEMPERATURE** Min : 15°C Max : 60°C

**SPECIFICATION** We provide filler of Cotton, Nylon Threads & Copper Wire in between as per requirement

Part No	Sizes	Outside Diameter mm	Inside Diameter mm	Bending Radius mm	Standard Length Meter (mtr)
JMFOD 4001	12	13.5	9.5	40.0	50-100
JMFOD 4005	16	16.5	13.0	40.0	50-100
JMFOD 4010	20	21.0	17.0	50.0	25-50
JMFOD 4015	25	25.5	21.0	60.0	25-50
JMFOD 4020	32	32.0	28.0	70.0	15-20-30
JMFOD 4025	40	39.5	34.5	80.0	10-20-30
JMFOD 4030	50	51.0	45.0	90.0	10-20-30
JMFOD 4035	65	63.5	57.0	100.0	5-10-15
JMFOD 4040	75	76.0	69.0	110.0	5-10-15
JMFOD 4045	90	88.0	81.0	115.0	5-10-15
JMFOD 4050	100	102.0	95.0	125.0	5-10-15

All sizes above 20 mm varies plus minus 0.5 - 3 mm

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.



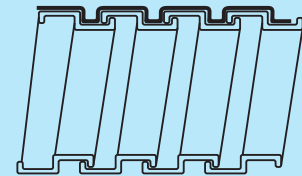
## GALVANISED STEEL FLEXIBLE CONDUIT WITH P.V.C. COATED MIWFC5005

### CONSTRUCTION

PVC Coated Square Lock Construction is helically wound, galvanized steel core with uniform coating of low smoke fume PVC is then extruded on conduit features: highly flexible & largely resistance to oil. These jacketed conduit is designed with dimensions that is accepted by US Standard. These flexible steel conduit is available in poly vinyl coating in all colors(on request) with spiral corrugated pattern finished surface.

### APPLICATION

Electric and Voltage Resistant  
High Impact Strength & Low smoke density.  
Water resistance Ideal for low fire Hazard specifications  
Suitable for Commercial as well as Industrial Application  
Can be used for mechanical protection of cable and wire in tunnels, hospitals, high-rise office blocks and public buildings, underground etc.



SQUARE LOCK COATED

**WORKING TEMPERATURE** Min : 15°C Max : 60°C

### SPECIFICATION

We provide filler of Cotton, Nylon Threads & Copper Wire in between as per requirement

Part No	Sizes in inches	Inside Diameter mm	Outside Diameter mm	Bending Radius mm	Standard Length Meter (mtr)
JMFID 5001	3/8"	9.5	13.5	40.0	15-50-100
JMFID 5005	1/2"	12.5	16.5	40.0	15-50-100
JMFID 5010	5/8"	15.5	19.5	45.0	15-25-50
JMFID 5015	3/4"	19.5	23.5	55.0	15-25-50
JMFID 5020	1"	25.0	29.0	60.0	15-25-50
JMFID 5025	1 ¼"	32.0	36.5	70.0	10-15-30
JMFID 5030	1 ½"	38.0	44.0	80.0	10-15-30
JMFID 5035	2"	51.0	57.0	90.0	10-15-30
JMFID 5040	2 ½"	63.0	69.0	100.0	5-10-15
JMFID 5045	3"	76.0	82.0	110.0	5-10-15
JMFID 5050	3 ½"	88.0	94.0	115.0	5-10-15
JMFID 5055	4"	101.0	108.0	125.0	5-10-15

All sizes varies plus minus below 2" - 1mm above 2" - 3 mm

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.



## GALVANISED STEEL FLEXIBLE CONDUIT REDUCED WALL MIWFC6006

### CONSTRUCTION

This flexible galvanized steel conduit has many universal wiring applications. It is often referred to as “**Reduced Wall**” as per requirement of buyers. Flexible Conduit is used where high corrosion resistance and long life for the conduit is required. It is a commercial grade light duty flexible conduit.

### APPLICATION

In the construction of over bridge.

Easy installation to follow contours.

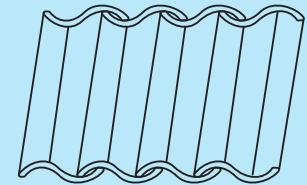
Galvanized zinc coating won't flake or peel

Strip thickness varies from 0.20mm - 0.50mm for different quality

Strip width for conduits below 1" -10 to 14mm & above 1" -14 to 20mm

As low pressure hose in industrial domestic air conditioning and ventilation systems

As mechanical protection for insulated electrical cables and wires which may be exposed to normal atmospheric conditions



STRIP PROFILE

### SPECIFICATION

Part No	Sizes in Inches	Inside Diameter mm	Outside Diameter mm	Bending Radius mm	Standard Length Meter (mtr)
RWNL 6001	3/8"	10.0	14.0	50.0	30-50
RWNL 6005	1/2"	17.0	21.0	75.0	30-50
RWNL 6010	3/4"	22.0	26.0	100.0	30-50
RWNL 6015	1"	27.0	33.0	125.0	30-50
RWNL 6020	1 ¼"	34.0	39.0	155.0	15-30
RWNL 6025	1 ½"	38.0	44.0	180.0	15-30
RWNL 6030	2"	51.0	57.0	230.0	15-30
RWNL 6035	2 ½"	63.0	69.0	280.0	7.5-10-15
RWNL 6040	3"	76.0	82.0	330.0	7.5-10-15
RWNL 6045	3 ½"	88.0	94.0	380.0	7.5-10-15
RWNL 6050	4"	101.0	108.0	450.0	7.5-10-15

All sizes varies plus minus below 2"- 1mm above 2"- 3 mm

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.





## GALVANISED STEEL FLEXIBLE CONDUIT REDUCED WALL EQUIVALENT UL MIWFC7007

### CONSTRUCTION

This flexible Galvanized Steel, Aluminium, Copper, conduit has many universal wiring applications. This Conduit is made using galvanized steel strips of heavy thickness that is fabricated using advanced technology. It is often referred to as “Greenfield” or “Reduced Wall” Conduit as per requirement of buyers. These flexible conduits carry high impact and crush strength, make tight bends, are non-combustible and are ideal for high temperature applications. Its profile and helical shape allow it to withstand substantial impact and crushing forces. It is not UL Listed but still equivalent.

### APPLICATION

In the construction of over bridge.

Easy installation to follow contours.

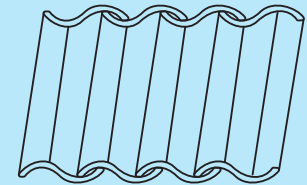
Galvanized zinc coating won't flake or peel

Strip width for conduits below 1" -10 to 14mm & above 1" -14 to 20mm

Strip thickness varies from 0.60mm - 1.5mm for different quality

As low pressure hose in industrial domestic air conditioning and ventilation systems

As mechanical protection for insulated electrical cables and wires which may be exposed to normal atmospheric conditions



STRIP PROFILE

### SPECIFICATION

Part No	Sizes in Inches	Inside Diameter mm		Outside Diameter mm		Bending Radius mm	Standard Length Meter (mtr)
		Min	Max	Min	Max		
RWEQ 7001	3/8"	<b>9.52</b>	9.96	<b>14.22</b>	15.49	50.0	30-50
RWEQ 7005	1/2"	<b>15.88</b>	16.38	<b>21.84</b>	23.37	75.0	30-50
RWEQ 7010	3/4"	<b>20.62</b>	21.21	<b>26.54</b>	28.07	100.0	30-50
RWEQ 7015	1"	<b>25.40</b>	26.42	<b>33.02</b>	35.05	125.0	30-50
RWEQ 7020	1 ¼"	<b>31.75</b>	33.02	<b>39.37</b>	41.40	155.0	15-30
RWEQ 7025	1 ½"	<b>38.10</b>	40.01	<b>46.99</b>	49.53	180.0	15-30
RWEQ 7030	2"	<b>50.80</b>	52.83	<b>59.69</b>	62.23	230.0	15-30
RWEQ 7035	2 ½"	<b>63.50</b>	68.58	<b>72.64</b>	77.72	280.0	7.5-10-15
RWEQ 7040	3"	<b>76.20</b>	81.40	<b>85.34</b>	90.42	330.0	7.5-10-15
RWEQ 7045	3 ½"	<b>88.90</b>	93.98	<b>98.04</b>	103.12	380.0	7.5-10-15
RWEQ 7050	4"	<b>101.60</b>	106.68	<b>110.74</b>	115.82	450.0	7.5-10-15

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.



## GALVANISED STEEL FLEXIBLE CONDUIT MIWFC8008

### CONSTRUCTION

Square Lock Construction is highly flexible steel conduit made by helical winding of cold rolled annealed and pinch passed mild steel strips with sheared edges. All sizes made are of Outside Diameter followed by British Standard & mostly used in UK, Dubai, Qatar & Muscat. Galvanized steel strip is used where high corrosion resistance and long life for the conduit is required. These conduits are used for applications where high flexibility is needed.

### APPLICATION

Easy installation to follow contours.

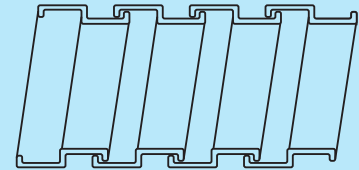
Galvanized zinc coating won't flake or peel

Strip width for conduits below 32 -10mm & above 32 -14mm

Strip thickness varies from 0.20mm - 0.30mm for different quality

As low pressure hose in industrial domestic air conditioning and ventilation systems

As mechanical protection for insulated electrical cables and wires which may be exposed to normal atmospheric conditions



SQUARE LOCK

### SPECIFICATION

We provide filler of Cotton, Nylon Threads & Copper Wire in between as per requirement

Part No	Size	Outside Diameter mm	Inside Diameter mm	Bending Radius mm	Standard Length Meter (mtr)
MFSL 8001	12	12.5	10.0	40.0	15-50-100
MFSL 8005	16	15.5	13.0	40.0	15-50-100
MFSL 8010	20	20.5	17.0	50.0	15-25-50
MFSL 8015	25	25.4	23.0	60.0	15-25-50
MFSL 8020	32	32.0	28.0	70.0	10-20-30
MFSL 8025	40	38.0	34.0	80.0	10-20-30
MFSL 8030	50	51.0	46.0	90.0	10-20-30
MFSL 8035	65	63.0	58.0	100.0	5-10-15
MFSL 8040	75	76.0	71.0	110.0	5-10-15
MFSL 8045	90	88.0	83.0	115.0	5-10-15
MFSL 8050	100	102.0	97.0	125.0	5-10-15

All sizes above 20 mm varies plus minus 0.5 - 3 mm

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.



## GALVANISED STEEL FLEXIBLE CONDUIT

### MIWFC9009

#### CONSTRUCTION

We provide a comprehensive range of Galvanized Steel Flexible Conduit which is highly flexible steel conduit made by helical winding of cold rolled annealed and pinch passed mild steel strips with sheared edges. Squarelock Construction is based on Inside Diameter followed by Indian Standard **ISI Mark** & mostly used in India, Malaysia, Singapore. Galvanized steel strip is used where high corrosion resistance, flexibility and long life for the conduit is required.

#### APPLICATION

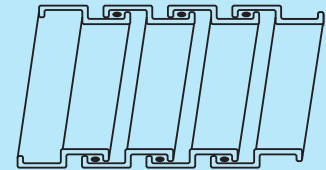
In the construction of over bridge.

Strip width for conduits below 1" -10mm & above 1" -14mm

Strip thickness varies from 0.20mm - 0.30mm for different quality

Smooth interior for easy wire pull-thru Lightweight for easier handling

As mechanical protection for insulated electrical cables and wires which may be exposed to normal atmospheric conditions



SQUARE LOCK WITH FILLER

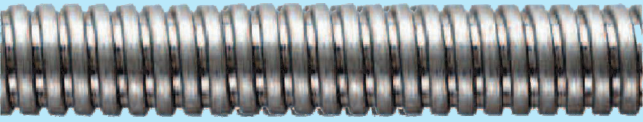
#### SPECIFICATION

We provide filler of Cotton, Nylon Threads & Copper Wire in between as per requirement

Part No	Sizes in inches	Inside Diameter mm	Outside Diameter mm	Bending Radius mm	Standard Length Meter (mtr)
SFSL 9001	3/8"	10.0	13.0	40.0	15-30-50
SFSL 9005	1/2"	12.5	15.5	40.0	15-30-50
SFSL 9010	5/8"	15.0	18.0	45.0	15-30-50
SFSL 9015	3/4"	19.5	22.5	55.0	15-30-50
SFSL 9020	1"	25.0	28.0	60.0	15-30-50
SFSL 9025	1 ¼"	32.0	35.0	70.0	15-30
SFSL 9030	1 ½"	38.0	42.0	80.0	15-30
SFSL 9035	2"	50.0	54.0	90.0	15-30
SFSL 9040	2 ½"	63.0	67.0	100.0	5-10-15
SFSL 9045	3"	76.0	80.0	110.0	5-10-15
SFSL 9050	3 ½"	88.0	92.0	115.0	5-10-15
SFSL 9055	4"	101.0	106.0	125.0	5-10-15

All sizes varies plus minus below 2" - 1 mm above 2" - 3 mm

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.



## GALVANISED STEEL FLEXIBLE CONDUIT NON UL MIWFC1101

### CONSTRUCTION

SquareLock Flexible Conduit is intended as a metal raceway for wires and cable where UL Listing is not required. It is made by helical winding of cold rolled, Galvanized steel strip is used where high corrosion resistance and long life for the conduit is required. These conduits are used for applications where high flexibility is needed. Its Construction is based on Inside Diameter followed by US Standard & mostly used in Saudi Arabia & USA.

### APPLICATION

In the construction of over bridge.

Easy installation to follow contours.

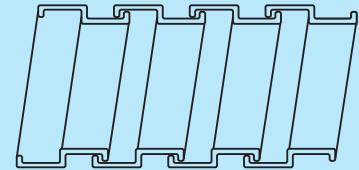
Galvanized zinc coating won't flake or peel

Strip width for conduits below 1" -10mm & above 1" -14mm

Strip thickness varies from 0.20mm - 0.40mm for different quality

As low pressure hose in industrial domestic air conditioning and ventilation systems

As mechanical protection for insulated electrical cables and wires which may be exposed to normal atmospheric conditions



SQUARE LOCK

### SPECIFICATION

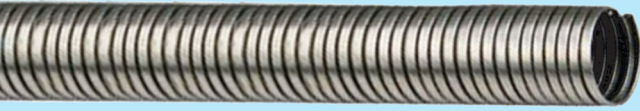
We provide filler of Cotton, Nylon Threads & Copper Wire in between as per requirement

Part No	Sizes in inches	Inside Diameter mm	Outside Diameter mm	Bending Radius mm	Standard Length Meter (mtr)
SFSL 9001	3/8"	12.5	15.5	40.0	15-30-50
SFSL 9005	1/2"	16.0	19.0	40.0	15-30-50
SFSL 9010	3/4"	21.0	24.0	50.0	15-30-50
SFSL 9015	1"	26.5	29.5	60.0	15-30-50
SFSL 9020	1 1/4"	35.0	38.0	70.0	15-30
SFSL 9025	1 1/2"	39.5	43.5	80.0	15-30
SFSL 9030	2"	51.0	55.0	90.0	15-30
SFSL 9035	2 1/2"	63.0	68.0	100.0	5-10-15
SFSL 9040	3"	78.0	83.0	110.0	5-10-15
SFSL 9045	3 1/2"	88.0	93.0	115.0	5-10-15
SFSL 9050	4"	101.0	107.0	125.0	5-10-15

All sizes above 20 mm varies plus minus 0.5 - 3 mm

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.





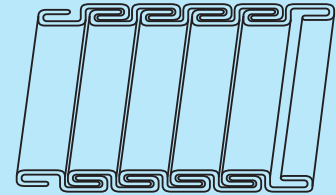
## GALVANISED STEEL FLEXIBLE HOSE MIWFC2202

### CONSTRUCTION

It is an interlock construction in which a metallic strip of high quality is helically coiled. During process asbestos yarn or copper wire is inserted in between the coils. It is very strong construction and can even take compression load. Can withstand temperature up to 800 C. Interlocked metal hoses are made for a variety of specialized industrial applications and are available in a wide range of metals, styles and sizes.

### APPLICATION

- Easy installation to follow contours
- Smooth interior for easy wire pull-thru
- As an outer jacket for insulated pipelines.
- Strip thickness varies from 0.20mm - 1.0mm for different quality
- As suction and pressure hose for oils, steam, water, liquids and gases etc.
- As vibration absorber even under heavy conditions of pressure and temperature.



INTER LOCK

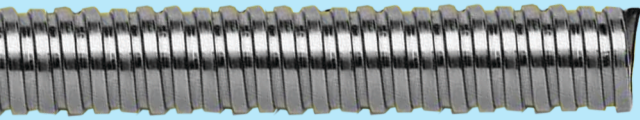
### SPECIFICATION

We provide filler of Cotton, Nylon Threads & Copper Wire in between as per requirement

Part No	Sizes in inches	Inside Diameter mm	Outside Diameter mm	Bending Radius mm	Standard Length Meter (mtr)
GFIL 2201	5/16"	6.5	8.5	115.0	15-30-50
GFIL 2205	3/8"	9.5	11.5	150.0	15-30-50
GFIL 2210	1/2"	12.5	15.5	175.0	15-30-50
GFIL 2215	5/8"	16.0	20.0	185.0	15-30-50
GFIL 2220	3/4"	19.0	25.0	200.0	15-30-50
GFIL 2225	1"	25.0	31.0	225.0	15-30
GFIL 2230	1 ¼"	32.0	40.0	275.0	15-30
GFIL 2235	1 ½"	38.0	48.5	350.0	15-30
GFIL 2240	2"	51.0	61.5	380.0	5-10-15
GFIL 2245	2 ½"	63.0	73.0	450.0	5-10-15
GFIL 2250	3"	76.0	86.0	485.0	5-10-15
GFIL 2255	3 ½"	89.0	100.0	530.0	5-10-15
GFIL 2260	4"	102.0	112.0	700.0	5-10-15

All sizes above 3/4" varies plus minus 0.5 - 3 mm

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.



## STAINLESS STEEL FLEXIBLE CONDUIT MIWFC3303

### CONSTRUCTION

Squarelock Stainless Steel Conduit can be used for wiring raceways where corrosion and heat are problems, such as thermocouples and heating elements. Also, it is used in the automotive industry for protective covering over power steering assemblies, wires, hydraulic lines, brake lines, etc. Brass versions are commonly used in plumbing applications. It is made by helical winding of cold rolled annealed and pinch passed mild steel strips with sheared edges.

### APPLICATION

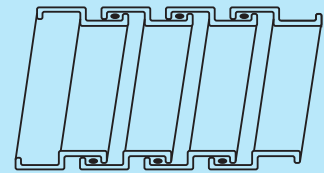
Easy installation to follow contours

As decorative flexible tube for Bathroom fitting & Interiors.

Strip thickness varies from 0.15mm - 0.30mm for different quality

Smooth interior for easy wire pull-thru Lightweight for easier handling

As mechanical protection for insulated electrical cables and wires which may be exposed to normal atmospheric conditions



SQUARE LOCK WITH FILLER

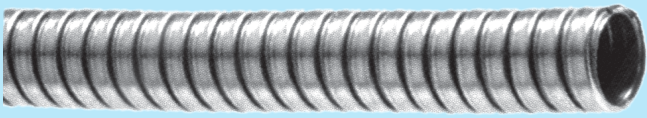
### SPECIFICATION

We provide filler of Cotton, Nylon Threads & Copper Wire in between as per requirement

Part No	Sizes in inches	Inside Diameter mm	Outside Diameter mm	Bending Radius mm	Standard Length Meter (mtr)
SSSL 3301	5/32"	4.0	7.0	35.0	15-30-50
SSSL 3305	1/4"	6.0	9.0	35.0	15-30-50
SSSL 3310	5/16"	8.0	11.0	35.0	15-30-50
SSSL 3315	3/8"	10.0	13.0	40.0	15-30-50
SSSL 3320	1/2"	12.5	15.5	40.0	15-30-50
SSSL 3325	5/8"	15.0	18.0	45.0	15-30-50
SSSL 3330	3/4"	19.5	22.5	50.0	15-30-50
SSSL 3335	1"	25.0	28.0	60.0	15-30-50
SSSL 3340	1 1/4"	32.0	35.0	70.0	15-30
SSSL 3345	1 1/2"	38.0	41.0	80.0	15-30
SSSL 3350	2"	50.0	54.0	90.0	15-30
SSSL 3355	2 1/2"	63.0	67.0	100.0	5-10-15
SSSL 3360	3"	76.0	80.0	110.0	5-10-15
SSSL 3365	3 1/2"	88.0	92.0	115.0	5-10-15
SSSL 3370	4"	101.0	106.0	125.0	5-10-15

All sizes above 3/4" varies plus minus 0.5 - 3 mm

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.



## STAINLESS STEEL FLEXIBLE CONDUIT MIWFC4404

### CONSTRUCTION

InterLock Construction is highly flexible stainless steel conduit made by helical winding of cold rolled annealed and pinch passed mild S.S. strips with sheared edges. Stainless steel strip is used where high corrosion resistance and long life for the conduit is required. These conduits are used for applications where high flexibility is required.

### APPLICATION

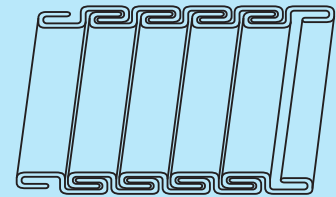
Easy installation to follow contours

Wiring in Elevators, Hoistways and Escalators.

Strip thickness varies from 0.15mm - 0.30mm for different quality

Smooth interior for easy wire pull-thru Lightweight for easier handling

As mechanical protection for insulated electrical cables and wires which may be exposed to normal atmospheric conditions



INTER LOCK WITH FILLER

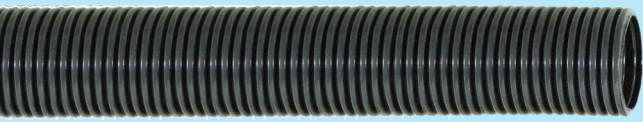
### SPECIFICATION

We provide filler of Cotton, Nylon Threads & Copper Wire in between as per requirement

Part No	Sizes in inches	Inside Diameter mm	Outside Diameter mm	Bending Radius mm	Standard Length Meter (mtr)
SSIL 4401	5/32"	4.0	7.0	35.0	15-30-50
SSIL 4405	1/4"	6.0	9.0	35.0	15-30-50
SSIL 4410	5/16"	8.0	11.0	35.0	15-30-50
SSIL 4415	3/8"	9.5	11.5	40.0	15-30-50
SSIL 4420	1/2"	12.5	15.5	40.0	15-30-50
SSIL 4425	5/8"	16.0	19.0	45.0	15-30-50
SSIL 4430	3/4"	19.0	23.0	50.0	15-30-50
SSIL 4435	1"	25.0	28.0	60.0	15-30-50
SSIL 4440	1 ¼"	32.0	35.0	70.0	15-30
SSIL 4445	1 ½"	38.0	43.0	80.0	15-30
SSIL 4450	2"	51.0	55.0	90.0	15-30
SSIL 4455	2 ½"	63.0	67.0	100.0	5-10-15
SSIL 4460	3"	76.0	80.0	110.0	5-10-15
SSIL 4465	3 ½"	88.0	93.0	115.0	5-10-15
SSIL 4470	4"	101.0	106.0	125.0	5-10-15

All sizes above 3/4" varies plus minus 0.5 - 3 mm

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.



## NON METAL CORRUGATED FLEXIBLE CONDUIT MIWFC5505

### CONSTRUCTION

Corrugated flexible hose pipes are extremely flexible with a non-wire skeleton making it even more twistable and thereby provide resistance to crushing, and make it possible to bury them at considerable depth. They have low bending. These pipes are characterized by low weight, rendering the handling, carrying and laying operations easy and cost effective. Their availability in continuous lengths helps in minimizing the use of fittings. Being none corrosion and protected to most of the corrosive chemicals. Used for all types of Machinery and commercial vehicles, Buildings, Robots, Static connections in buildings, Railways, Underground, Automotive Industries where high mechanical strength required.

### COLOUR

Grey, White, Black and other Colour on request.

### APPLICATION

UV resistant

Highly flexible and high fatigue life

Highly resistant to solvents and oils

Halogen, sulphur and phosphorus free

High impact strength and recovers if crushed

### WORKING TEMPERATURE

Min : 15°C Max : 100°C

### SPECIFICATION

Part No	Sizes in inches	Inside Diameter mm	Outside Diameter mm	Bending Radius mm	Standard Length Meter (mtr)
CFC 5501	3/8"	10.0	13.5	13.0	15-30-50
CFC 5505	1/2"	12.5	16.5	15.5	15-30-50
CFC 5510	5/8"	15.0	19.0	18.0	15-30-50
CFC 5515	3/4"	19.5	23.5	22.5	15-30-50
CFC 5520	1"	25.0	29.0	28.0	15-30-50
CFC 5525	1 ¼"	32.0	36.5	35.0	15-30
CFC 5530	1 ½"	38.0	44.0	42.0	15-30
CFC 5535	2"	50.0	56.0	54.0	15-30
CFC 5540	2 ½"	63.0	69.0	67.0	5-10-15
CFC 5545	3"	76.0	82.0	80.0	5-10-15
CFC 5550	3 ½"	88.0	94.0	92.0	5-10-15
CFC 5555	4"	101.0	108.0	106.0	5-10-15

Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.





## PVC / STEEL WIRE REINFORCE HOSE MIWFC6606

### CONSTRUCTION

SWR hoses have a reinforcement of PVC insulated high carbon grade II spring steel & hard spring PVC wire. Also available in high grade III for heavy duty pipes. By introducing high tensile spring steel wire or PVC wire for reinforcement which gives very strong crushing resistance, the hoses become ideal for use for conducting electrical wiring, suction, ducting and exhaust of fume gases and for other industrial uses ideally suited for electrical wire conducting, connecting switch boards, bus-bars, switch gears metro trains and panels. Excellent flexibility and can be bent on its own axis. Useful for connection of wiring when the hoses are required to be roughly handled. Most ideally suited for making connection in machine tools.

### APPLICATION

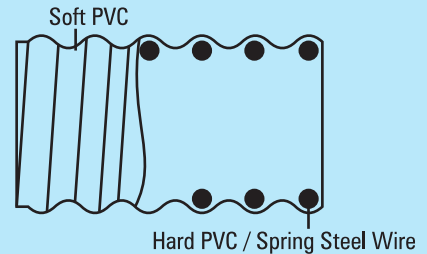
It will not "KINK".

Light in weight. Easy to fix

No corrosion. No paint required.

Resistant to most Alkalis and Acids.

Dust proof, Water proof (Low pressure).



### WORKING TEMPERATURE

Min : 15°C Max : 70°C

### SPECIFICATION

Part No	Sizes in inches	Inside Diameter mm	Outside Diameter mm	Standard Length Meter (mtr)
PSWR 6601	3/8"	10.0	As Applicable	20 & above
PSWR 6605	1/2"	12.5		20 & above
PSWR 6610	5/8"	15.0		20 & above
PSWR 6615	3/4"	19.5		20 & above
PSWR 6620	1"	25.0		20 & above
PSWR 6625	1 1/4"	32.0		20 & above
PSWR 6630	1 1/2"	38.0		20 & above
PSWR 6635	2"	50.0		20 & above
PSWR 6640	2 1/2"	63.0		5 & above
PSWR 6645	3"	76.0		5 & above
PSWR 6650	3 1/2"	88.0		5 & above
PSWR 6655	4"	101.0		5 & above

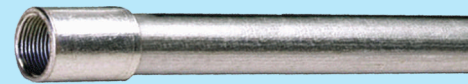
Each bag is packed in HDPE Strong laminated bag & if required in spool roll with corrugated box also.



## EMT- Electrical Metallic Tubing

**MIWFC7707**

Trade Size In.	Outside Diameter mm	Approx. Inside Diameter mm	Minimum Wall Thickness mm	Standard Weight Kg/m	Length mm
1/2"	17.93	15.80	1.07	0.424	3048
3/4"	23.42	20.93	1.25	0.647	3048
1"	29.54	26.64	1.45	0.952	3048
1 1/4"	38.35	35.05	1.65	1.414	3048
1 1/2"	44.20	40.89	1.65	1.637	3048
2"	55.80	52.50	1.65	2.083	3048



## IMC - Intermediate Metal Conduit

Trade Size In.	Outside Diameter MM			Length without Coupling MM	Minimum Wall Thickness MM	Nominal Weight Kg per 100ft
	Nominal	Minimum	Maximum			
1/2"	20.7	20.6	20.8	3029.0	1.78	21.100
3/4"	26.1	26.0	26.3	3029.0	1.91	38.700
1"	32.8	32.6	32.9	3022.6	2.06	56.900
1 1/4"	41.6	41.4	41.8	3022.6	2.06	73.500
1 1/2"	47.8	47.6	48.0	3022.6	2.29	85.200
2"	59.9	59.7	60.1	3022.6	2.41	114.100
2 1/2"	72.6	72.3	72.8	3009.9	3.56	181.100
3"	88.3	88.0	88.5	3009.9	3.56	223.100
3 1/2"	100.9	100.6	101.1	3003.6	3.56	256.100
4"	113.3	113.2	113.7	3003.6	3.56	291.200

## British Standard

Pregalvanised Steel Conduit - Class 3, Hot Dipped Galvanised Steel Conduit - Class 4

Trade Size In.	Outside Diameter MM		Wall Thickness + / - mm	Weight with coupler kg/mtr	Standard Packing
	Minimum	Maximum			
20"	19.7	20.0	1.5	0.744	25
25"	24.6	25.0	1.5	0.950	20
32"	31.6	32.0	1.5	1.240	10

All available in thin wall



## Flexible Conduit / Conduit Accessories

**All Sizes Available** : as per Customer Requirement

**Raw Materials used** : Copper / Mild Steel (Copper Coated), Brass, Copper & Gun Metal, Aluminum

	Flexible Conduit Squeeze Connector		Flexible Conduit Squeeze Connector 90°		Flexible Liquid Tight Connector		Flexible Liquid Tight Connector 90°
	Flexible Conduit Brass Adaptor Nackle Plated		Flexible Conduit Swivel		Flexible Conduit Brass Adaptor		Flexible Conduit Aluminum Coupling
	Flexible Non-metallic Adaptor		EMT Connector Setscrew		EMT Connector Setscrew		Rigid to Liquid Tight
	Rigid to Liquid Tight Clamp Type		Compression Type		Compression Type		Coupler
	Solid Bend Heavy		GI Bend		Inspection Bend		U Bolt
	Saddle Clip		Half Saddle Clip		Bar Saddle		Hospital Saddle
	Pipe Clamp		Lock Nut		Pipe Clamp		Pipe Clamp
	Lock Ring		Dome Cover		Ball Socket		Reducer
	Conduit Spacer		Junction Box		Junction Box		Holdfast
	One Way		Two Way		Three Way		Four Way
	U Way		H Way		Circle		Mounting Din Rail NS 35/15 NS 32 NS 35/7.5



## Brass Cable Glands

A Cable Gland more often known as a Cable Connector or Fitting, is a device designed to attach and secure the end of a cable to the equipment. A Cable Gland provides strain relief and connects by a means suitable for the type and description of cable for which it is designed.

### BW 2 TYPE CABLE GLAND

**Application** : For use with SWA, plastic or rubber sheathed cables. Mainly indoor use. Easy to use saves time & money. Provides mechanical cable retention and earth continuity.

**IP Rating** : IP 30

**Size** : 20 mm to 90 mm  
(S & L)



### CW 4 TYPE CABLE GLAND

**Application** : For use with SWA, plastic or rubber sheathed cables. For both indoor and outdoor use. Provides for seal on outer cable sheath for environmental protection. Has separate armour lock ring for better clamping.

**IP Rating** : IP 65

**Size** : 20 mm to 90 mm  
(S & L)



### BW 3 / BW 4 TYPE CABLE GLAND

**Application** : For use with SWA, plastic or rubber sheathed cables. Mainly indoor use. Separate cone ring helps in clamping the armour better. Provides mechanical earth continuity.

**IP Rating** : IP 30

**Size** : 20 mm to 90 mm  
(S & L)



### E1W TYPE CABLE GLAND

**Application** : For use with SWA, plastic or rubber sheathed cables. Mainly outdoor use. Its all weather proof & water proof. Its double seals provides for better gripping and extra environmental protection on inner and outer earth.

**IP Rating** : IP 66

**Size** : 20 mm to 90 mm  
(S & L)



### CW 3 TYPE CABLE GLAND

**Application** : For use with SWA, plastic or rubber sheathed cables. For both indoor and outdoor use. Provides for seal on outer cable sheath for environmental protection.

**IP Rating** : IP 66

**Size** : 20 mm to 90 mm  
(S & L)



### A2, A1/A2 TYPE CABLE GLAND

**Application** : For use with unarmoured cables. For both indoor and outdoor use. The rubber seal helps in gripping the cable and provides protection against outside environment.

**IP Rating** : IP 66

**Size** : 20 mm to 90 mm  
(S & L)



### PG CABLE GLAND

**Application** : For use with braided or unarmoured cables, Plastic or rubber sheathed. For both indoor and outdoor use. It provides seal on outer sheath of the unarmoured cable.

**Size** : PG 7 to PG 48



### MARINE CABLE GLAND

**Application** : For use with all types of braided or unarmoured marine electrical cable fittings. For both outdoor and indoor use.

**Size** : 10mm to 70mm



### Cable Gland Kit







## Earthing Accessories

**All Sizes Available** : as per Customer Requirement

**Raw Materials used** : Copper / Mild Steel (Copper Coated), Brass, Copper & Gun Metal

	Rod to Tape Clamp Type A		Rod to Cable Clamp Type G		Rod to Cable Clamp Type GUV		U Bolt Rod Clamp Type E
	Rod to Cable Lug Clamp Type B		RWP Bond		B Bond		Watermain Bond
	Heavy Duty Cast Cable Saddle		DC Tape Clip		Glazing Bar Holdfast		Square Conductor Clamp
	Screwdown Test Clamp		Test Clamp		One Hole Cable Clip		Rod to Tape Coupling
	Square Clamp		Tee Clamp		Jointing Clamp		Flat Saddle
	Plate Type Test Clamp		Tower Clamp Double		Earth Plate Solid Copper		Earth Plate Lattice Copper
	Strike Pad		Ridge Saddle		Rod Brackets		Re-bar Clamp
	Metalwork Bond		Pipe Bond		Tower Earth Clamp		Tape Clip
	Straight Setscrew Type Cable Socket		Back Plate Holdfast Stem		Single Hole Earth Points		Adjustable DC Tape Clip
	Air Rod Base		Square Tape Clamp		Oblong Test or Junction Clamp		Crossover Clamp
	Two Hole Earth Points		Four Hole Earth Points		Eyebolt		DC Tape Clip
	Air Rod Base		Type H Split Bolt		Male Female Bush		Coupling
	Insulator		Concrete Pit		Multi Point		Puddle Flange

Air Rod Solid / Copper Coated



Flexible Copper Braid Bond

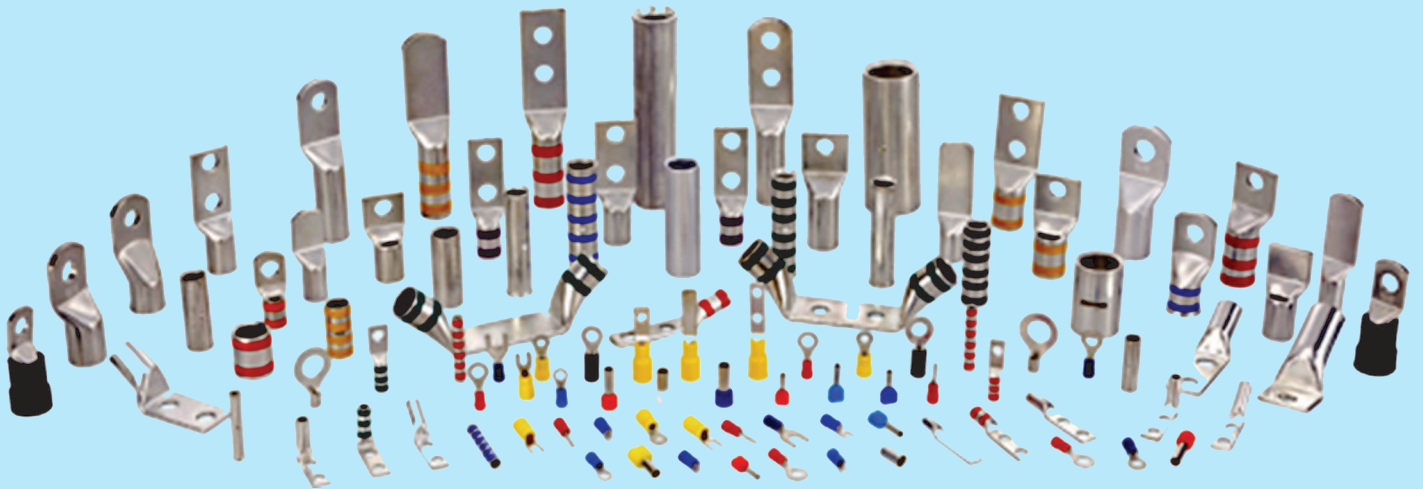




## Lugs

**All Sizes Available** : as per Customer Requirement

**Raw Materials used** : Copper / Aluminum



## Fasteners

**All Sizes Available** : as per Customer Requirement

**Raw Materials used** : MS Steel / Brass / Stainless Steel 202, 304, 316





**Our Best Packing for Best Protective Supply**







## **MODERN IRON WORKS**

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