#### Wire Over-Braided Flexible Conduit (YF-705)

most suitable for demanding industrial wiring applications.

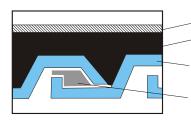
\*Galvanized steel helically wound with PVC coating and wire over-braid.

\*Trade size: 3/8"~2" (square locked, with Nylon Cord packing.)

\*Liquid-tight \*Explosion proof (Suitable for use in Hazardous Location)







Metal Wire Over Braiding
PVC Covering
Galvanized Steel Strip
Nylon Cord Packing

\*Liquid-tight
\*Explosion proof

Туре	Trade Size	I.D.	I.D. (mm)		(mm)	Min Bending	Meter/Coil
Туре	Trade Size	MIN.	MAX.	MIN.	MAX.	Radius (mm)	Meter/Con
YF-70503	3/8"	12.3	12.8	18.8	19.3	78	50
YF-70504	1/2"	15.8	16.2	22.8	23.1	95	50
YF-70506	3/4"	20.8	21.3	27.5	28.0	120	30
YF-70510	1"	26.4	27.1	34.8	35.3	180	30
YF-70512	1-1/4"	35.0	35.5	43.8	44.5	230	20
YF-70514	1-1/2"	40.1	40.6	49.5	50.0	270	20
YF-70520	2"	50.5	51.2	62.3	63.0	300	15

#### **Applications:**

Suitable for use in Hazardous Locations; Industrial environments where higher abrasion resistance or screening are required.

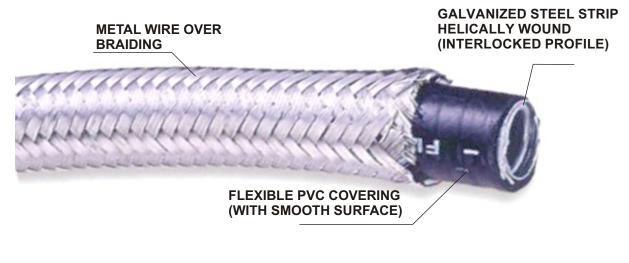
#### Wire Over-Braided Flexible Conduit (SM-701)

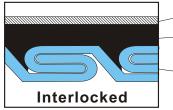
most suitable for demanding industrial wiring applications.

\*Galvanized steel helically wound with PVC coating and wire over-braid.

- \*Trade size: 3/8"~2" (Interlocked profile for increased tensile strength.)
- \*Liquid-tight \*Explosion proof (Suitable for use in Hazardous Location)
- \*High Tensile strength







Metal Wire Over Braiding PVC Covering

Galvanized Steel Strip (Interlocked Profile)

\*Liquid-tight \*Explosion proof \*High tensile strength

Туре	Trade Size	I.D. (mm)		O.D. (mm)		Min Bending	Meter/Coil
Туре	Trade Size	MIN.	MAX.	MIN.	MAX.	Radius (mm)	Meier/Con
SM-70103	3/8"	12.3	12.8	18.0	18.3	50	50
SM-70104	1/2"	15.8	16.2	22.0	22.5	60	50
SM-70106	3/4"	20.8	21.3	26.5	27.0	75	30
SM-70110	1"	26.4	27.1	34.0	34.5	100	30
SM-70112	1-1/4"	35.0	35.5	42.8	43.5	135	20
SM-70114	1-1/2"	40.1	40.6	48.5	49.0	160	20
SM-70120	2"	50.5	51.2	61.3	62.0	190	15

### **Applications:**

Suitable for use in Hazardous Locations; Industrial environments where higher abrasion resistance or screening are required. Also suitable for machineries wirings which are subject to constant bending, and vibrations.

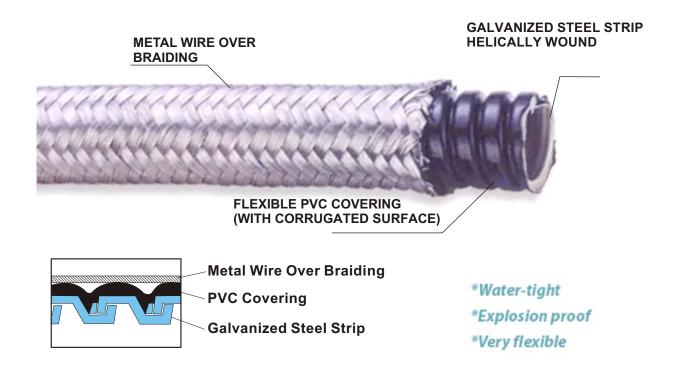
#### Wire Over-Braided Flexible Conduit (YF-704)

typically used for machineries cable protection

\*Galvanized steel helically wound, square locked type construction with PVC coating and wire over-braid.

\*1/4"~4" trade size \*Water-tight \*Explosion proof





Туре	Trade Size	I.D. (mm)		O.D. (mm)		Min Bending	Meter/Coil
JF 1		Min.	Max.	Min.	Max.	Radius (mm)	
YF-70402	1/4"	9.7	10.2	11.4	11.7	60	100
YF-70403	3/8"	12.3	12.8	17.4	17.8	70	50
YF-70404	1/2"	15.8	16.2	21.3	21.7	90	50
YF-70406	3/4"	20.8	21.3	26.6	27.0	110	50
YF-70410	1"	26.4	27.1	33.6	34.1	150	50
YF-70412	1-1/4"	35.0	35.5	42.2	42.7	175	30
YF-70414	1-1/2"	40.1	40.6	48.2	48.8	200	25
YF-70420	2"	50.5	51.2	58.7	59.4	230	20
YF-70424	2-1/2"	62.9	63.9	75.1	76.1	250	10
YF-70430	3"	77.0	78.0	90.0	91.0	300	10
YF-70440	4"	99.6	101.6	112.2	113.4	500	10

#### **Applications:**

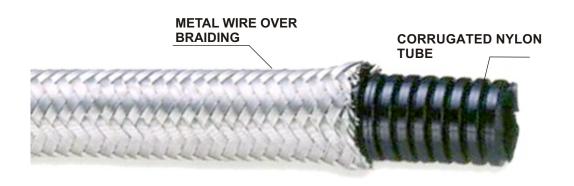
Suitable for use in Hazardous Locations; Industrial environments where higher abrasion resistance or screening and water tightness are required.

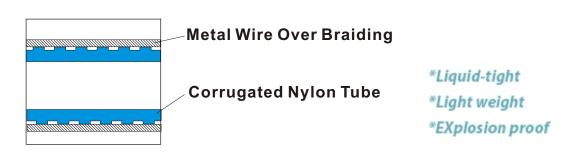
# Wire Over-Braided Flexible Conduit (PBF)

\*Corrugated Nylon core \*Wire over-braid

\*1/4"~2" trade size \*Liquid-tight \*Explosion proof







Туре	Trade Size	I.D.	(mm)	O.D.	(mm)	Meter/Coil
Туре	Trade Size	Min.	Max.	Min.	Max.	Wielei/Coii
PBF-01	1/4"	6.4	6.6	10.7	11.0	100
PBF-02	5/16"	9.7	10.0	13.7	14.0	100
PBF-03	3/8"	11.7	12.0	16.5	16.8	100
PBF-04	1/2"	16.5	16.7	21.8	22.2	100
PBF-06	3/4"	21.5	22.0	29.0	29.5	100
PBF-10	1"	27.7	28.2	34.5	35.0	50
PBF-12	1-1/4"	35.5	36.0	42.2	42.8	50
PBF-20	2"	46.4	47	54.8	55.5	50

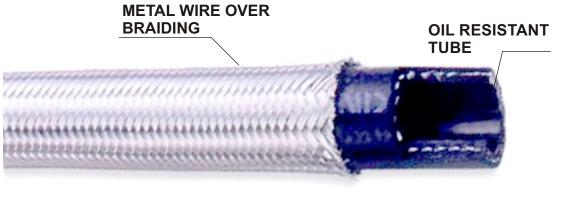
### **Applications:**

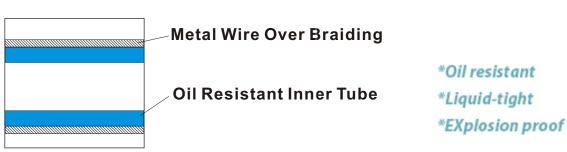
Appliances, automotive wire & cable sleeving, industrial equipments, medical devices, machineries, wire conduits

# Wire Over-Braided Flexible Conduit (WNS)

\*Wire over-braiding \*Liquid-tight \*Oil resistant







Туре	Trade Size	I.D.	(mm)	O.D.	(mm)	Meter/Coil
Туре	Trade Size	Min.	Max.	Min.	Max.	Meter/Con
WNS-06	6	5.7	6.3	13.5	13.8	100
WNS-08	8	7.7	8.3	15.5	15.8	100
WNS-10	10	9.7	10.3	17.5	17.8	100
WNS-13	13	12.7	13.3	22.5	22.8	50
WNS-16	16	15.7	16.5	25.5	26.8	50
WNS-19	19	18.7	19.5	29.5	29.8	30
WNS-25	25	24.7	25.5	36.5	36.8	20

Oil Resistant Flexible Conduit is especially suitable for wiring machine tools, hydraulic presses and other types of industrial equipment, which are subjected to moisture from coolant, oils and fluids.

### Wire Over-Braided Flexible Conduit (SM70001)

typically used for machineries cable protection

\*Galvanized steel helically wound with wire over-braid.





Туре	Trade Size	I.D. (mm)	O.D. (mm)	Min Bending Radius (mm)	Meter/Coil
SM7000103	3/8"	13	15.3	35	50
SM7000104	1/2"	16	18.7	40	50
SM7000106	3/4"	20	23.7	45	50
SM7000110	1"	25	28.2	55	50
SM7000112	1-1/4"	32	35.0	60	30
SM7000114	1-1/2"	38	41.4	90	30
SM7000120	2"	51	54.8	110	20

#### **Applications:**

Most suitable for use in Hazardous Locations, industrial environments and high temperatures, such as welding machines and metal casting machines; Also for industrial environments where higher abrasion resistance or screening are required.

<sup>\*3/8&</sup>quot;~2" trade size

<sup>\*</sup>Resists high temperature and hot metal splashes

## Liquid-tight Flexible Conduit (YF-706)

\*Galvanized steel strip core \*PVC sheath

\*Trade size: 3/8"~2" (square locked, with Nylon Cord packing);





GALVANIZED STEEL STRIP HELICALLY WOUND WITH NYLON CORD PACKING



Type T	Trade Size	I.D. (mm)		O.D. (mm)		Min. Bending	Meter/Coil
Туре	Trade Size	MIN.	MAX.	MIN.	MAX.	Radius (mm)	Metel/Coll
YF-70603	3/8"	12.3	12.8	18.0	18.3	50	50
YF-70604	1/2"	15.8	16.2	22.0	22.5	60	50
YF-70606	3/4"	20.8	21.3	26.5	27.0	75	30
YF-70610	1"	26.4	27.1	34.0	34.5	100	30
YF-70612	1-1/4"	35.0	35.5	42.8	43.5	135	20
YF-70614	1-1/2"	40.1	40.6	48.5	49.0	160	20
YF-70620	2"	50.5	51.2	61.3	62.0	190	15

### **Applications:**

Liquid-tight flexible conduit provides protection for wiring circuits located in extremely wet or damp areas. It is also suitable for machines, tools and equipment where ruggedness is required. Now in extensive use on presses, welders, pumps, blowers, grinders, conveyors, machines and portable tools, automated lines, and in construction, industry, commerce and transportation.

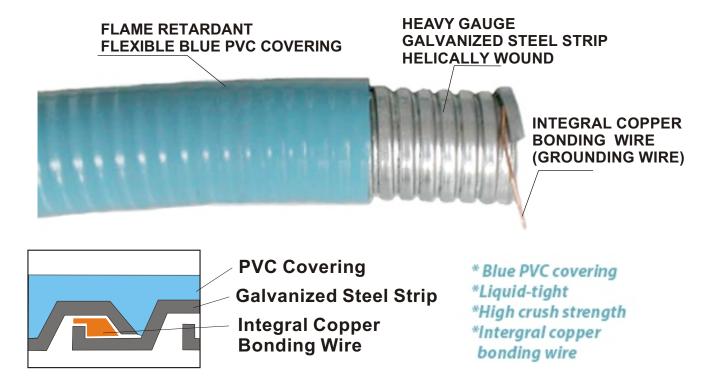
#### Computer Blue Liquid-tight Flexible Conduit (YF-604)

Flexible Metallic Conduit With Bonding Wire (Without PVC Covering) (YF-504)

\*Heavy gauge Galvanized steel strip core with Integral copper bonding wire

- \*Blue PVC covering \*Trade size: 3/8"~2"
- \*Liquid-tight \*High Crush strength





			O.D.	(mm)	Thickness Of PVC
Туре	Trade Size	I.D. (mm)	With PVC	Without PVC	Covering
			Covering	Covering	(mm)
	3/8"	11.9	18.2	15.6	1.3
TYPE: YF-604	1/2"	16.0	21.5	19.1	1.2
(With PVC Covering)	3/4"	21.1	27	24.3	1.3
	1"	26.5	33.8	30.8	1.5
TYPE: YF-504	1-1/4"	35.2	42.4	39.3	1.6
(Without PVC Covering)	1-1/2"	40.4	48.3	44.5	1.7
	2"	51.2	59.3	55.7	1.8

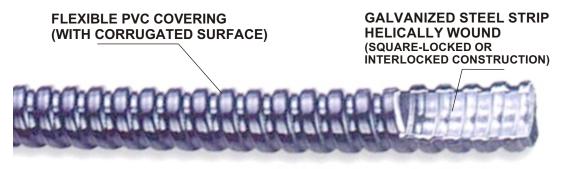
### **Applications:**

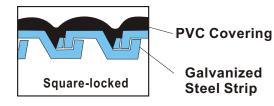
Computer Blue is a liquid-tight flexible steel conduit commonly used for computer room installations. The blue jacket color easily identifies circuitry for computer power wiring. It has a flexible inner core made from a spiral wound strip of heavy gauge, electro-galvanized steel.

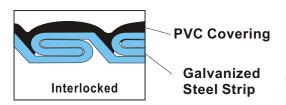
## Water-tight Flexible Metallic Conduit (YF-707)

\*Galvanized steel strip core (square locked <u>YF-707-SQ</u> or interlocked <u>YF-707-IN</u>) \*PVC Covered \*1/4"~4" trade size \*Water-tight









\*Water-tight \*Very flexible

Tim a	Trade Size	I.D.	(mm)	O.D.	(mm)	Min. Bending	Meter/Coil
Туре	Trade Size	Min.	Max.	Min.	Max.	Radius (mm)	Meier/Coll
		SO	QUARE-I	LOCKED	)		
YF-70702-SQ	1/4"	9.7	10.2	10.4	10.7	45	100
YF-70703-SQ	3/8"	12.3	12.8	16.4	16.8	50	50
YF-70704-SQ	1/2"	15.8	16.2	20.3	20.7	65	50
YF-70706-SQ	3/4"	20.8	21.3	25.6	26.0	75	50
YF-70710-SQ	1"	26.4	27.1	32.6	33.1	100	50
YF-70712-SQ	1-1/4"	35.0	35.5	41.2	41.7	125	30
YF-70714-SQ	1-1/2"	40.1	40.6	47.2	47.8	150	25
YF-70720-SQ	2"	50.5	51.2	58.7	59.4	175	20
YF-70724-SQ	2-1/2"	62.9	63.9	74.1	75.1	200	10
YF-70730-SQ	3"	77.0	78.0	89.0	90.0	225	10
YF-70740-SQ	4"	99.6	101.6	111.2	112.4	275	10
	INTER	LOCKEI	O (HIGH '	TENSILI	E STREN	GTH)	
YF-70702-IN	1/4"	9.70	10.2	14.2	14.5	45	100
YF-70703-IN	3/8"	12.3	12.8	16.3	16.6	50	50
YF-70704-IN	1/2"	15.8	16.2	20.3	20.7	65	50
YF-70706-IN	3/4"	20.8	21.3	25.5	26.0	75	50
YF-70710-IN	1"	26.4	27.1	32.4	32.9	100	50
YF-70712-IN	1-1/4"	35.0	35.5	40.8	41.3	125	30
YF-70714-IN	1-1/2"	40.1	40.6	46.7	47.2	150	25
YF-70720-IN	2"	50.5	51.2	58.3	59.0	175	20
YF-70724-IN	2-1/2"	62.9	63.9	73.1	74.1	200	10
YF-70730-IN	3"	77.0	78.0	88.2	89.2	225	10
YF-70740-IN	4"	99.6	101.6	110.2	112.0	275	10

#### **Applications:**

Appliances, automotive wire & cable sleeving, industrial equipments, medical devices, machineries, wire conduits, air conditioning /heating and ventilation

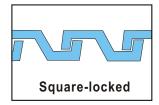
#### Flexible Metallic Conduit (YF-703)

- \*Flexible square locked ( YF-703-SQ ) or interlocked ( YF-703-IN ) construction of galvanized steel strip
- \*Good mechanical protection of wirings
- \*All metallic constructions, inherent low fire hazard





GALVANIZED STEEL STRIP HELICALLY WOUND (SQUARE-LOCKED OR INTERLOCKED CONSTRUCTION)







\*Inherent low fire hazard.

Туре	Trade Size	I.D.	(mm)	O.D. (mm)		Min. Bending	Meter/Coil
Туре	Trade Size	Min.	Max.	Min.	Max.	Radius (mm)	Meter/Con
		SC	QUARE-I	LOCKED	)		
YF-70302-SQ	1/4"	9.7	10.2	13.5	14.0	40	100
YF-70303-SQ	3/8"	12.3	12.8	15.6	15.8	50	50
YF-70304-SQ	1/2"	15.8	16.2	19.5	19.9	65	50
YF-70306-SQ	3/4"	20.8	21.3	24.7	25.2	75	50
YF-70310-SQ	1"	26.4	27.1	31.6	32.1	100	50
YF-70312-SQ	1-1/4"	35.0	35.5	40.0	40.5	125	30
YF-70314-SQ	1-1/2"	40.1	40.6	45.8	46.3	150	25
YF-70320-SQ	2"	50.5	51.2	57.3	58.0	175	20
YF-70324-SQ	2-1/2"	62.9	63.9	72.1	73.1	200	10
YF-70330-SQ	3"	77.0	78.0	87.0	88.0	225	10
YF-70340-SQ	4"	99.6	101.6	108.7	110.5	275	10
YF-70350-SQ	5"	125.0	127.0	135.0	137.0	300	5
YF-70360-SQ	6"	150.0	153.0	160.0	162.5	400	5
	INTER	LOCKEI	) (HIGH	TENSILE	E STREN	GTH)	
YF-70302-IN	1/4"	9.70	10.2	13.5	14.0	45	100
YF-70303-IN	3/8"	12.3	12.8	15.6	15.9	50	50
YF-70304-IN	1/2"	15.8	16.2	19.5	19.9	65	50
YF-70306-IN	3/4"	20.8	21.3	24.7	25.2	75	50
YF-70310-IN	1"	26.4	27.1	31.6	32.1	100	50
YF-70312-IN	1-1/4"	35.0	35.5	40.0	40.5	125	30
YF-70314-IN	1-1/2"	40.1	40.6	45.8	46.3	150	25
YF-70320-IN	2"	50.5	51.2	57.3	58.0	175	20
YF-70324-IN	2-1/2"	62.9	63.9	72.1	73.1	200	10
YF-70330-IN	3"	77.0	78.0	87.0	88.0	225	10
YF-70340-IN	4"	99.6	101.6	108.7	110.5	275	10

#### **Applications:**

Industrial wirings, appliances, automotive wire & cable sleeving, machineries, wire conduits

It can also be used as a protective cover in industrial environments for hydraulic lines, brake lines, power steering assemblies, etc.

#### Flexible Metallic Conduit (YF-708)

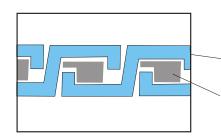
- \*Square-locked galvanized steel strip construction
- \*With Nylon Cord packing for smooth surface and air tightness





#### GALVANIZED STEEL STRIP HELICALLY WOUND WITH NYLON CORD PACKING





Galvanized Steel Strip
Nylon Cord Packing

\*Increased tensile strength \*Also suitable for use as ventilation ductings

Туре	Trade Size	I.D.	I.D. (mm)		(mm)	Min. Bending	Meter/Coil	
Туре	Trade Size	Min.	Max.	Min.	Max.	Radius (mm)	Weter/Cott	
YF-70803	3/8"	12.3	12.8	15.6	15.8	60	50	
YF-70804	1/2"	15.8	16.2	19.5	19.9	80	50	
YF-70806	3/4"	20.8	21.3	24.7	25.2	100	30	
YF-70810	1"	26.4	27.1	31.6	32.1	150	30	
YF-70812	1-1/4"	35.0	35.5	40.0	40.5	180	20	
YF-70814	1-1/2"	40.1	40.6	45.8	46.3	220	20	
YF-70820	2"	50.5	51.2	57.3	58.0	250	15	

### **Applications:**

Industrial wirings, appliances, automotive wire & cable sleeving, machineries, wire conduits, underfloor applications computer/floor boxes

Also suitable for ventilation applications.

## LOW SMOKE, HALOGEN FREE, Water-tight

#### Flexible Metallic Conduit (LSHF-707)

- \*Galvanized steel strip core (square locked or interlocked)
- \*Specially formulated thermoplastics, low smoke, halogen free
- \*1/4"~4" trade size \*Water-tight



#### LSHF Covering

(Specially formulated thermoplastics, low smoke, halogen free)

GALVANIZED STEEL STRIP HELICALLY WOUND (SQUARE-LOCKED OR INTERLOCKED CONSTRUCTION)





LSHF Covering (Specially formulated thermoplastics, low smoke, halogen free)

**Galvanized Steel Strip** 



halogen free

Low smoke,

\*Water-tight

\*Very flexible

Interlocked

Square-locked

LSHF-70740-IN

T. 100	Trada Ciza	I.D.	(mm)	O.D.	(mm)	Min. Bending	Motor/Coil
Type	Trade Size	Min.	Max.	Min.	Max.	Radius (mm)	Meter/Coil
		SC	UARE-	LOCKE	D		
LSHF-70702-SQ	1/4"	9.7	10.2	10.4	10.7	45	100
LSHF-70703-SQ	3/8"	12.3	12.8	16.4	16.8	50	50
LSHF-70704-SQ	1/2"	15.8	16.2	20.3	20.7	65	50
LSHF-70706-SQ	3/4"	20.8	21.3	25.6	26.0	75	50
LSHF-70710-SQ	1"	26.4	27.1	32.6	33.1	100	50
LSHF-70712-SQ	1-1/4"	35.0	35.5	41.2	41.7	125	30
LSHF-70714-SQ	1-1/2"	40.1	40.6	47.2	47.8	150	25
LSHF-70720-SQ	2"	50.5	51.2	58.7	59.4	175	20
LSHF-70724-SQ	2-1/2"	62.9	63.9	74.1	75.1	200	10
LSHF-70730-SQ	3"	77.0	78.0	89.0	90.0	225	10
LSHF-70740-SQ	4"	99.6	101.6	111.2	112.4	275	10
	INTERLO	CKED	(HIGH	TENSIL	E STRE	ENGTH)	
LSHF-70702-IN	1/4"	9.70	10.2	14.2	14.5	45	100
LSHF-70703-IN	3/8"	12.3	12.8	16.3	16.6	50	50
LSHF-70704-IN	1/2"	15.8	16.2	20.3	20.7	65	50
LSHF-70706-IN	3/4"	20.8	21.3	25.5	26.0	75	50
LSHF-70710-IN	1"	26.4	27.1	32.4	32.9	100	50
LSHF-70712-IN	1-1/4"	35.0	35.5	40.8	41.3	125	30
LSHF-70714-IN	1-1/2"	40.1	40.6	46.7	47.2	150	25
LSHF-70720-IN	2"	50.5	51.2	58.3	59.0	175	20
LSHF-70724-IN	2-1/2"	62.9	63.9	73.1	74.1	200	10
LSHF-70730-IN	3"	77.0	78.0	88.2	89.2	225	10

101.6 110.2

99.6

112.0

275

10

Flexible metallic conduit with low smoke, halogen free, water tight jacket:

- \*This water proof flexible steel conduit is designed for applications where safety concerns exist regarding a material's reaction in a fire situation.
- \*Water tight jacket made of **low smoke**, **halogen free** thermal-plastics, with excellent flame retardation and low smoke and toxicity generation characteristics.
- Durable and long life.
- \*Inner core made from galvanized steel strip.
- \*Square locked construction for more flexibility or interlocked for more strength.

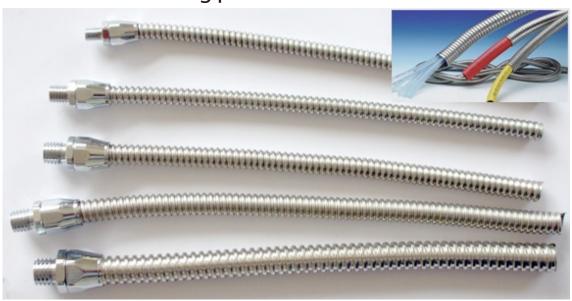
#### Applications:

This product is ideally suited for nstallation in confined or enclosed areas where construction materials must nave limited smoke, low flame spread and low toxic gas emissions in the event of fire. Such applications include mass ransit vehicles where water proof flexible conduit is extensively used for wiring narnesses within and under passenger rail cars. Other applications include use in underground subway structures and tunnels.

# Flexible Stainless Steel Conduit(AT)



\*Stainless steel strip (square locked), **very flexible** \*Corrosion Resistant \*EMI Shielding \*Most suitable for instrument wiring protections.



Type AT is an ultra-flexible, stainless steel conduit designed primarily for OEM applications. A typical application would be armouring in specialty sensing devices, or medical equipment, including fiber-optics.

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Trade Size	Inside Diameter	Outside Diameter	Weight	Breaking Load Min	Part Number
1/8"	0.140"	0.200"	0.017lb/ft	60lbs.	AT-SL-002
3.5mm	<b>3.5mm</b>	<b>5.1mm</b>	<b>0.026kg/m</b>	<b>27kgs</b>	
5/32"	0.156"	0.235"	0.030 lb/ft	145 lbs.	AT-SL-0025
4mm	<b>4.0mm</b>	<b>6.0mm</b>	<b>0.045 Kg/m</b>	<b>66 Kg</b>	
3/16"	0.188"	0.266"	0.033lb/ft	150 lbs.	AT-SL-003
5mm	<b>4.8mm</b>	<b>6.8mm</b>	<b>0.049 Kg/m</b>	<b>68 Kg</b>	
7/32"	0.218"	0.303"	0.040 lb/ft	155 lbs.	AT-SL-0035
<b>5.5mm</b>	<b>5.6mm</b>	<b>7.7mm</b>	<b>0.059 Kg/m</b>	<b>70 Kg</b>	
1/4"	0.250"	0.329"	0.041 lb/ft	190 lbs.	AT-SL-004
6mm	<b>6.4mm</b>	<b>8.4mm</b>	<b>0.061 Kg/m</b>	<b>86 Kg</b>	
9/32"	0.282"	0.375"	0.048 lb/ft	200 lbs.	AT-SL-0045
<b>7mm</b>	<b>7.2mm</b>	<b>9.5mm</b>	<b>0.072 Kg/m</b>	<b>91 Kg</b>	
5/16"	0.313"	0.410"	0.055 lb/ft	200 lbs.	AT-SL-005
8mm	<b>8.0mm</b>	<b>10.9mm</b>	<b>0.082 Kg/m</b>	<b>91 Kg</b>	
3/8"	0.375"	0.500"	0.088 lb/ft	225 lbs.	AT-SL-006
<b>9.5mm</b>	<b>9.5mm</b>	<b>12.7mm</b>	<b>0.131 Kg/m</b>	<b>102 Kg</b>	
1/2"	0.500"	0.625"	0.106 lb/ft	250 lbs.	AT-SL-008
12.7mm	<b>12.7mm</b>	<b>15.9mm</b>	<b>0.157 Kg/m</b>	<b>113 Kg</b>	