Steel

Type SL

Trade Size		Cat. No.	Coil Content (m)	Inner Diameter				Outer Diameter				Min. Inside Bend Radius		Weight kg/30m
				min.		max.		min.		max.				
in.	(mm)			in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	
-	-	SL316-75	75	0.172	(4.35)	0.202	(5.13)	0.280	(7.11)	0.310	(7.87)	0.75	(19.5)	2
-	-	SL140-75	75	0.235	(5.97)	0.265	(6.73)	0.328	(8.33)	0.358	(9.09)	0.75	(19.5)	3
5/16	-	SL516-75	75	0.297	(7.54)	0.327	(8.31)	0.391	(9.93)	0.421	(10.69)	0.75	(19.5)	3
-	-	SL380-75	75	0.360	(9.14)	0.390	(9.91)	0.485	(12.32)	0.515	(13.08)	1.00	(25.4)	4
-	-	SL716-75	75	0.422	(10.72)	0.452	(11.48)	0.547	(13.89)	0.577	(14.66)	1.00	(25.4)	4
3/8	16	SL038-75	75	0.492	(12.50)	0.512	(13.00)	0.617	(15.67)	0.637	(16.18)	1.00	(25.4)	5
-	-	SL916-45	45	0.547	(13.89)	0.577	(14.66)	0.672	(17.07)	0.702	(17.83)	1.25	(31.8)	5
1/2	-	SL050-45	45	0.622	(15.80)	0.642	(16.31)	0.747	(18.97)	0.767	(19.48)	1.50	(38.1)	7
-	20	SL050M-45	45	0.650	(16.51)	0.670	(17.01)	0.775	(19.69)	0.795	(20.19)	1.50	(38.1)	7
-	-	SL340-45	45	0.735	(18.67)	0.765	(19.43)	0.865	(21.97)	0.895	(22.73)	1.50	(38.1)	8
3/4	25	SL075-30	30	0.827	(21.00)	0.847	(21.51)	0.957	(24.31)	0.977	(24.82)	2.00	(50.8)	8
1	-	SL100-15	15	1.041	(26.44)	1.066	(27.07)	1.181	(30.00)	1.206	(30.63)	2.00	(50.8)	9
-	32	SL100M-15	15	1.102	(27.99)	1.122	(28.50)	1.242	(31.55)	1.262	(32.05)	2.00	(50.8)	-

Type SL

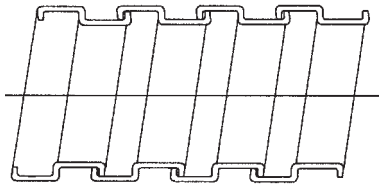
This “extra-flexible” product, available in the smaller diameters, is designed for tightspot installation and where continuous flexing is required of a steel wound hose.

Construction

Type SL is helically wound from a formed strip of Electrogalvanized steel. It is sized to be used with a variety of set-screw and clamp type fittings.

Applications

Offers good mechanical protection to wiring in a variety of O.E.M. applications



Squarelock

Type UG

Cat. No.	Coil Content (m)	Inside Diameter		Outer Diameter Min. Inside		Bend Radius		Wt. kg/30m
		Min.	Max.	Min.	Max.	in.	(mm)	
		in. (mm)	in. (mm)	in. (mm)	in. (mm)			
UG380-15	15	0.443(11.25)	0.473(12.01)	0.563(14.30)	0.593(15.06)	2.5	(63.5)	7
UG120-15	15	0.755(19.18)	0.785(19.94)	0.875(22.23)	0.905(22.99)	3.0	(76.2)	10
UG340-15	15	0.943(23.95)	0.973(24.71)	1.063(28.70)	1.093(27.76)	3.5	(89.0)	14
UG100-15	15	1.208(30.68)	1.238(31.45)	1.328(33.73)	1.358(34.50)	4.5	(114.3)	16
UG125-15	15	1.485(37.72)	1.515(38.48)	1.578(40.08)	1.608(40.84)	5.5	(139.7)	23
UG150-15	15	1.735(44.07)	1.765(44.83)	1.843(46.81)	1.873(47.57)	6.5	(165.1)	27
UG200-15	15	2.235(56.77)	2.265(57.53)	2.390(60.71)	2.420(61.47)	8.5	(216.0)	36
UG280-15	15	2.735(69.47)	2.765(70.23)	2.937(74.60)	2.967(75.36)	10.5	(267.0)	39
UG300-15	15	3.360(85.34)	3.390(86.11)	3.438(87.33)	3.468(88.09)	13.0	(330.2)	48

Note: Trade sizes do not apply to Type UG

Type UG

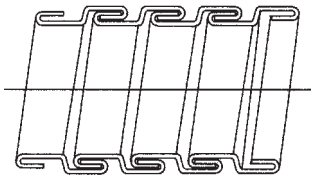
A fully-interlocked flexible steel conduit designed for high strength in “tight-spot” installations.

Construction

This conduit is manufactured from a bright tin plated steel strip which is fully interlocked at the edges to produce a strong, yet flexible product. The interlock feature does not allow the conduit to unravel if twisted and permits the conduit to retain its shape when bent. This lightweight product is compatible with many set-screw and clamp type fittings.

Applications

The bright appearance of the finished product lends itself to installations where the conduit may be visible after final assembly.

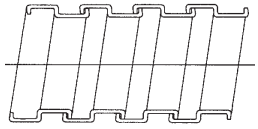


Interlock

Steel Core

Type USL

Cat. No.	Inner Dia.		Outer Dia.		Cat. No.	Coil Content (m)	Min. Inside Bend Radius		Wt. kg/30m
	Min.	Max.	Min.	Max.					
	in. (mm)	in. (mm)	in. (mm)	in. (mm)			in.	(mm)	
USL516	0.297(7.54)	0.327(8.30)	0.457(11.60)	0.487(12.37)	USL516-75	75	1.25	(31.75)	5
USL380	0.360(9.14)	0.390(9.91)	0.520(13.20)	0.550(13.97)	USL380-75	75	1.25	(31.75)	6
USL716	0.422(10.7)	0.452(11.48)	0.582(14.78)	0.612(15.54)	USL716-75	75	1.50	(38.10)	7
USL120	0.485(12.3)	0.515(13.08)	0.645(15.86)	0.675(17.15)	USL120-75	75	1.50	(38.10)	8
USL916	0.557(14.1)	0.577(14.65)	0.707(17.96)	0.737(18.72)	USL916-75	75	1.50	(38.10)	9



Squarelock — Type USL

Type USL

This extra-flexible steel conduit is recognized UL and CSA for use within listed and certified assemblies.

Construction

Helically formed from hot-dipped galvanized steel, type USL offers good corrosion resistance and provides excellent mechanical protection to enclosed circuits.

Applications

This product is intended as a factory installed component of various assemblies. Typical uses include modular office partitions, showcase lighting, range tops and other appliances. For component applications within Canada, ask for CSA Report #LO 4000-4875.

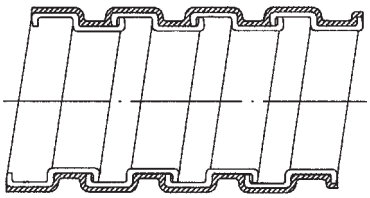
Listing / Certification

UL Recognized File #E53253

Type VJC — with PVC Jacket

Trade Size (in.)	Cat. No.	Carton Content* (m)	Outside Dia. Over Jacket				Internal Bend radius				Wt. kg/30m
			Min.		Max.		Min.		Max		
			in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	
3/8	VJC038-30	30	0.647	(16.43)	0.677	(17.20)	1.0	(25.4)	5	(127.0)	5
1/2	VJC050-30	30	0.777	(19.74)	0.807	(20.50)	1.5	(38.1)	6	(152.4)	7
-	VJC050M-30	30	0.805	(20.45)	0.835	(21.21)	1.5	(38.1)	6	(152.4)	7
3/4	VJC075-30	30	0.987	(25.07)	1.017	(25.83)	2.0	(51.0)	10	(254.0)	9
1	VJC100-30	30	0.221	(5.61)	1.246	(31.65)	3.0	(76.0)	10	(254.0)	11
-	VJC100M-30	30	1.272	(32.31)	1.302	(33.07)	3.0	(76.0)	10	(254.0)	-

* Reels available, consult your Regional Sales Office



Type VJC

Vacuum jacketed steel conduit for high-flex installations

Construction

A unique vacuum extrusion process allows this product to have a thin PVC jacket which does not restrict the great flexibility characteristics of the inner core. The core material is the same as type SL. VJC is designed with dimensions that will accept standard liquid-tight fittings.

Applications

VJC is suitable for use in both static applications where a tight bend diameter is needed and in dynamic use such as machining centers and robotics.

Working Temperatures

-20°C to 80°C

Standard Colour

Black. Other colours available upon request. Consult your Regional Sales Office for details.