

+ Innovalene® IND 65 Transparent PVC Tubing

Innovalene IND 65 is a polyvinyl chloride PVC hose with Shore A 65 hardness, a fluid transmission hose specially developed for industrial fluid equipment, without using DEHP plasticizer. The hose is colorless and highly transparent, with extremely high cost performance, and can be widely used in various industrial, chemical and laboratory fields.

Adopt precision extrusion process, strictly control the dimensional tolerance, and can customize the cutting length. It can also be used for secondary treatment processes such as bonding buckle, flaring, coding, laser etching, etc., and customized production.

High cost performance, colorless and transparent, resistant to staining, suitable for in vitro diagnostic equipment waste liquid pipeline.



*Other calibers, lengths or packing methods can be customized

Cat. No.	Model	ID		OD		Wall Thickness		Per Package Length	
		(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(m)	(foot)
L316-201-0050-0150	Metric size	0.50		1.50		0.50		15.2	50
L316-201-0079-0397	13#	0.79	1/32	3.97	5/32	1.59	1/16	15.2	50
L316-201-0100-0200	Metric size	1.00		2.00		0.50		15.2	50
L316-201-0150-0250	Metric size	1.50		2.50		0.50		15.2	50
L316-201-0100-0300	Metric size	1.00		3.00		1.00		15.2	50
L316-201-0159-0318		1.59	1/16	3.18	1/8	0.79	1/32	15.2	50
L316-201-0159-0476	14#	1.59	1/16	4.76	3/16	1.59	1/16	15.2	50
L316-201-0159-0635	119#	1.59	1/16	6.35	1/4	2.38	3/32	15.2	50
L316-201-0200-0400	Metric size	2.00		4.00		1.00		15.2	50
L316-201-0238-0556	19#	2.38	3/32	5.56	7/32	1.59	1/16	15.2	50
L316-201-0300-0500	Metric size	3.00		5.00		1.00		15.2	50
L316-201-0318-0476		3.18	1/8	4.76	3/16	0.79	1/32	15.2	50
L316-201-0318-0635	16#	3.18	1/8	6.35	1/4	1.59	1/16	15.2	50
L316-201-0318-0794	120#	3.18	1/8	7.94	5/16	2.38	3/32	15.2	50
L316-201-0397-0714		3.97	5/32	7.14	9/32	1.59	1/16	15.2	50
L316-201-0476-0794	25#	4.76	3/16	7.94	5/16	1.59	1/16	15.2	50
L316-201-0476-0953	15#	4.76	3/16	9.53	3/8	2.38	3/32	15.2	50
L316-201-0635-0953	17#	6.35	1/4	9.53	3/8	1.59	1/16	15.2	50
L316-201-0635-1111	24#	6.35	1/4	11.11	7/16	2.38	3/32	15.2	50
L316-201-0635-1270	26#	6.34	1/4	12.70	1/2	3.18	1/8	15.2	50
L316-201-0794-1111	18#	7.94	5/16	11.11	7/16	1.59	1/16	15.2	50
L316-201-0794-1270	35#	7.94	5/16	12.70	1/2	2.38	3/32	15.2	50
L316-201-0953-1270	96#	9.53	3/8	12.70	1/2	1.59	1/16	15.2	50
L316-201-0953-1429	36#	9.53	3/8	14.29	9/16	2.38	3/32	15.2	50
L316-201-0953-1588	73#	9.53	3/8	15.88	5/8	3.18	1/8	15.2	50
L316-201-1111-1429		11.11	7/16	14.29	9/16	1.59	1/16	15.2	50
L316-201-1270-1588		12.70	1/2	15.88	5/8	1.59	1/16	15.2	50
L316-201-1270-1905	82#	12.70	1/2	19.05	3/4	3.18	1/8	15.2	50
L316-201-1270-2223	88#	12.70	1/2	22.23	7/8	4.76	3/16	15.2	50
L316-201-1588-2064		15.88	5/8	20.64	13/16	2.38	3/32	15.2	50
L316-101-1588-2223	184#	15.88	5/8	22.23	7/8	3.18	1/8	7.62	25
L316-101-1588-2540	89#	15.88	5/8	25.4	1	4.76	3/16	7.62	25
L316-101-1905-2540		19.05	3/4	25.4	1	3.18	1/8	7.62	25
L316-101-1905-2858	191#	19.05	3/4	28.58	1-1/8	4.76	3/16	7.62	25
L316-101-1905-3175	91#	19.05	3/4	31.75	1-1/4	6.35	1/4	7.62	25
L316-101-2540-3175		25.40	1	31.75	1-1/4	3.18	1/8	7.62	25
L316-101-2540-3493	92#	25.40	1	34.93	1-3/8	4.76	3/16	7.62	25
L316-101-2540-3810		25.40	1	38.10	1-1/2	6.35	1/4	7.62	25

+ Innovalene® IND 65 Product Specification

Peristaltic Pump Tubing

Feature	Polyvinyl chloride PVC		
	• Colorless and transparent • Chemical resistance etc. • DEHP-free plasticizer • RoHS and REACH compliant		
Caution	• Avoid high pressure • Avoid high temperature		
Material	• PVC		
Operating temperature range	-50 °C to +75C		
Physical properties		Color	Colorless & transparent
		Shore A Hardness ASTM D 2240	65A
		Density ASTM D792	1.18 g/cm3
		Tensile Strength at Break ASTM D 412	13.0 MPa
		Tensile Elongation ASTM D 412	350 %
		Tear Strength ASTM D 1004-94	30 kN/m
	Permanent Compression Set 70°C 22Hrs ASTM D 395	57 %	
Regulations and Certifications	RoHS, REACH		
Sterilization			
Gas permeability	CO ₂	563	$\frac{\text{Gas volume [cm}^3\text{]} \times \text{wall thickness [mm]}}{\text{inner Diameter Sectional Area [cm}^2\text{]} \times \text{Time [sec]}} \times 10^{-10}$ x Pressure drop along pipe wall [cm Hg]
	O ₂	124	
	N ₂	67	
Odor	none		
Toxicity	none		
Theoretical service life			