

Innovafluor K (VITON)



FKM PERISTALTIC PUMP TUBING

Strong resistance to various chemical solvent, 60A duro, special formulated for peristaltic pump application. Innovafluor K is in black and helps protect light-sensitive fluids.

FDA 21CFR 177.2600 complaince

Food Grade

Innovafluor K

Made of proprietary fluoroelastomer and formulated for peristaltic pump use specially, Innovafluor K is superior on plong pump life, low compression set, and strong resistance to chemicals. Through high temperature post treatment, all small molecular ingredient and residuals are eliminated. Thus it allows for use in applications where minimal outgassing is required.

Features

- Black, UV resistant
- Superior chemical resistance
- Long pump life
- Food contact grade available
- Proved chemical resistance
- 60A durometer
- Customized size and length

Regulations

FDA 21CFR 177.2600

Applications

- Peristaltic pump
- Medical device
- Laboratory
- E/E
- Semi-conductor



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Innovafluor™ K Inventoried sizes

Model #	Tube #	I.D.		O.D.		Wall thickness		Length / Box*	
		(mm)	(Inch)	(mm)	(Inch)	(mm)	(Inch)	(M)	(Feet)
FK40-201-0159-0476	14#	1.59	1/16	4.76	3/16	1.59	1/16	15.2	50
FK40-201-0238-0556	19#	2.38	3/32	5.56	7/32	1.59	1/16	15.2	50
FK40-201-0318-0635	16#	3.18	1/8	6.35	1/4	1.59	1/16	15.2	50
FK40-201-0318-0794	120#	3.18	1/8	7.94	5/16	2.38	3/32	15.2	50
FK40-201-0476-0794	25#	4.76	3/16	7.94	5/16	1.59	1/16	15.2	50
FK40-201-0476-0953	15#	4.76	3/16	9.53	3/8	2.38	3/32	15.2	50
FK40-201-0635-0953	17#	6.35	1/4	9.53	3/8	1.59	1/16	15.2	50
FK40-201-0635-1111	24#	6.35	1/4	11.11	7/16	2.38	3/32	15.2	50
FK40-201-0794-1111	18#	7.94	5/16	11.11	7/16	1.59	1/16	15.2	50
FK40-201-0794-1270	35#	7.94	5/16	12.70	1/2	2.38	3/32	15.2	50
FK40-201-0953-1270	96#	9.53	3/8	12.70	1/2	1.59	1/16	15.2	50
FK40-201-0953-1429	36#	9.53	3/8	14.29	9/16	2.38	3/32	15.2	50
FK40-201-0953-1588	73#	9.53	3/8	15.88	5/8	3.18	1/8	15.2	50
FK40-201-1111-1429		11.11	7/16	14.29	9/16	1.59	1/16	15.2	50
FK40-201-1270-1905	82#	12.70	1/2	19.05	3/4	3.18	1/8	15.2	50

* Other sizes and length can be customized

Innovafluor™ K Typical Physical Properties

Physical Properties	Test Method	Unit	Typical Value
Color	-		Black
Shore A, 5 sec.	ISO 868		60
Specific Gravity	ISO 2781	g/cm ³	1.90
UV Resistance			Excellent
Moisture Absorption			Low
Tensile Strength at Break	ASTM D 412	Mpa	15.10
Tensile Elongation, 100%	ASTM D 412	%	405
Tensile Modulus, 100%	ASTM D 412	MPa	1.75
Compression Set, 200 C 22 Hrs.	ASTM D 395	%	20

Innovafluor™ K chemical compatibility chart is available on www.innovapure.com or call Innovapure sales representative.

Distributed by

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Important

It is the user's responsibility to ensure the suitability and safety of Suzhou Innovapure Co., Ltd. products for all intended uses. Laboratory and clinical tests must be conducted in accordance with applicable regulatory requirements in order to determine the safety and effectiveness for use of tubing in any particular application.