

Innovaprene® P 60



BIO-PHARMA PUMP TUBING

Formulated biocompatible fluid surface and ideal for use in CIP and SIP sterilization systems. Less permeable to gases and vapors. Over 1,000 hours pump life.

USP Class VI, ISO 10993

CIP / SIP



Innovaprene® P 60

P60 has been formulated to withstand the rigors of peristaltic pumping action while providing low particle spallation, repeated cleaning and sterilization, and resistance to chemicals and solvents. It was fully tested to USP Class VI and ISO 10993 standards. Therefore, P60 is ideal for protecting cell culture, fermentation, synthesis, separation, purification, and process monitoring and control system in clinic, bio-pharma, analytical applications.

Features

- Long pump life
- Low spallation
- Repeated SIP/CIP cleaning
- Full lot traceable
- Biocompatible
- Manufactured in ISO Class 7 clean room
- 55A to 70A durometers

Regulations

- ISO 10993
- USP 87/88 Class VI
- ADCF
- Drug Master File (in process)

Applications

- Peristaltic pump use
- Single use system
- Cell harvest and media process
- Vaccine manufacturing
- Bioreactor process line
- Sterile filling
- Filtration, fermentation



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Innovaprene® P 60 inventoried sizes

Model #	Tube #	I.D.		O.D.		Wall thickness		Length / Box*	
		(mm)	(Inch)	(mm)	(Inch)	(mm)	(Inch)	(M)	(Feet)
PP50-202-0100-0300		1.00		3.00		1.00		15.2	50
PP50-202-0200-0400		2.00		4.00		1.00		15.2	50
PP50-202-0300-0500		3.00		5.00		1.00		15.2	50
PP50-202-0159-0476	14#	1.59	1/16	4.76	3/16	1.59	1/16	15.2	50
PP50-202-0238-0556	19#	2.38	3/32	5.56	7/32	1.59	1/16	15.2	50
PP50-202-0318-0635	16#	3.18	1/8	6.35	1/4	1.59	1/16	15.2	50
PP50-202-0318-0794	120#	3.18	1/8	7.94	5/16	2.38	3/32	15.2	50
PP50-202-0476-0794	25#	4.76	3/16	7.94	5/16	1.59	1/16	15.2	50
PP50-202-0476-0953	15#	4.76	3/16	9.53	3/8	2.38	3/32	15.2	50
PP50-202-0635-0953	17#	6.35	1/4	9.53	3/8	1.59	1/16	15.2	50
PP50-202-0635-1111	24#	6.35	1/4	11.11	7/16	2.38	3/32	15.2	50
PP50-202-0794-1111	18#	7.94	5/16	11.11	7/16	1.59	1/16	15.2	50
PP50-202-0794-1270	35#	7.94	5/16	12.70	1/2	2.38	3/32	15.2	50
PP50-202-0953-1270	96#	9.53	3/8	12.70	1/2	1.59	1/16	15.2	50
PP50-202-0953-1429	36#	9.53	3/8	14.29	9/16	2.38	3/32	15.2	50
PP50-202-0953-1588	73#	9.53	3/8	15.88	5/8	3.18	1/8	15.2	50
PP50-202-1111-1429		11.11	7/16	14.29	9/16	1.59	1/16	15.2	50
PP50-202-1270-1905	82#	12.70	1/2	19.05	3/4	3.18	1/8	15.2	50

*Other sizes and length can be customized

Innovaprene® P 60 typical physical properties

Physical Properties	Test Method	Unit	Typical Value
Color	-		Beige
Shore A, 5 sec.	ISO 868		65
Specific gravity	ISO 2781		0.97
Working temperature		C	-60 to 140
UV resistance			Excellent
Vapor permeability			Fair
Moisture absorption			Low
Tensile strength	ISO 37-2005	Mpa	6.70
Elongation at 100%	ISO 37-2005	%	620
Tear strength	D1004-94	kN/m	40
Compression set, 70C 22hrs.	D395-98-B	%	18
Brittle temperature	ISO 812	C	-40

Innovaprene® P 60 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.