

+ Innovaprene® G 60

Industrial grade peristaltic pump tubing



Ultra-long peristaltic pump life, RoHS/REACH compliant, suitable for various industrial and civil peristaltic pumps.

RoHS/REACH
Industrial Grade

The G/GW series have a low permanent compression deformation, which can ensure that the peristaltic pump tubing can rebound to its original shape even if it is continuously squeezed during the long-term use in peristaltic pump, ensuring the stability of the fluid transmission flow. At the same time, it adopts a specially developed formula,

complies with RoHS and REACH standards, and has high safety. It can be widely used in various high and low temperature environments (-60 degrees to 140 degrees), and gas transmission, chemical substance transportation, washing industries, 3D printing, mopping machines and sweepers are equipped with peristaltic pumps.

+ Features

- Long peristaltic pump life
- Stable flow rate reduces frequent calibration
- Good chemical resistance
- Beige or black UV resistant opaque
- Low gas permeability
- -60 degrees to 140 degrees use range
- Corresponding to various hardness from 55A to 70A
- Available in various metric and imperial sizes

+ Regulations & Certifications

- RoHS Compliant
- Compliant with REACH

+ Application

- Industrial Peristaltic Pumps
- Vacuum pump
- Gas transfer line
- Chemical Reagent Transfer H
- Washing machine
- Sweeper
- Mopping machine
- For other miniature peristaltic pumps

+ Innovaprene® G 60 Typical Physical Properties

Physical Properties Table	Test Methods	Unit	Typical Value
Color	-		Black
Shore A hardness, 5sec	ASTM D 2240		67
Density	ASTM D 792		0.97
Operating temperature		°C	-60°C to +140°C
UV Resistance			Excellent
Gas permeability rate			Medium
Water absorption rate			Low
Tensile strength at break	ASTM D 412	Mpa	6.80
Tensile elongation at break	ASTM D 412	%	500
Tear tensile strength	ASTM D1004-94	kN/m	22
Permanent compression set, 70°C/22hrs	ASTM D395-98-B	%	18
Embrittlement temperature	ASTM D 746	°C	-60

+ Innovaprene® G 60 Inventorized Sizes*

*Other calibers, lengths or packing methods can be customized

Cat. No.	Model No.	ID (mm) (inch)	OD (mm) (inch)	Wall Thickness (mm) (inch)	Length Per Package (m) (foot)	Minimum Bonding Radius	RECO Working Pressure	RECO Vacuum Pressure
PG60-201-0050-0150	Metric size	0.50	1.50	0.50	15.2 50	2mm		1.0bar
PG60-201-0079-0397	13#	0.79 1/32	3.97 5/32	1.59 1/16	15.2 50	3mm	6.8bar	1.0bar
PG60-201-0100-0200	Metric size	1.00	2.00	0.50	15.2 50	3mm		1.0bar
PG60-201-0150-0250	Metric size	1.50	2.50	0.50	15.2 50	3mm		1.0bar
PG60-201-0100-0300	Metric size	1.00	3.00	1.00	15.2 50	6mm		1.0bar
PG60-201-0159-0318		1.59 1/16	3.18 1/8	0.79 1/32	15.2 50	6mm	2.1bar	1.0bar
PG60-201-0159-0476	14#	1.59 1/16	4.76 3/16	1.59 1/16	15.2 50	6mm	2.9bar	1.0bar
PG60-201-0159-0635	119#	1.59 1/16	6.35 1/4	2.38 3/32	15.2 50			
PG60-201-0200-0400	Metric size	2.00	4.00	1.00	15.2 50			
PG60-201-0238-0556	19#	2.38 3/32	5.56 7/32	1.59 1/16	15.2 50	6mm	2.5bar	1.0bar
PG60-201-0300-0500	Metric size	3.00	5.00	1.00	15.2 50			
PG60-201-0318-0476		3.18 1/8	4.76 3/16	0.79 1/32	15.2 50	12mm	1.1bar	0.8bar
PG60-201-0318-0635	16#	3.18 1/8	6.35 1/4	1.59 1/16	15.2 50	12mm	1.6bar	1.0bar
PG60-201-0318-0794	120#	3.18 1/8	7.94 5/16	2.38 3/32	15.2 50			
PG60-201-0397-0714		3.97 5/32	7.14 9/32	1.59 1/16	15.2 50			
PG60-201-0476-0794	25#	4.76 3/16	7.94 5/16	1.59 1/16	15.2 50	19mm	1.1bar	1.0bar
PG60-201-0476-0953	15#	4.76 3/16	9.53 3/8	2.38 3/32	15.2 50	12mm	1.6bar	1.0bar
PG60-201-0635-0953	17#	6.35 1/4	9.53 3/8	1.59 1/16	15.2 50	22mm	0.9bar	1.0bar
PG60-201-0635-1111	24#	6.35 1/4	11.11 7/16	2.38 3/32	15.2 50	19mm	1.3bar	1.0bar
PG60-201-0635-1270	26#	6.34 1/4	12.70 1/2	3.18 1/8	15.2 50	19mm	1.6bar	1.0bar
PG60-201-0794-1111	18#	7.94 5/16	11.11 7/16	1.59 1/16	15.2 50	32mm	0.9bar	0.7bar
PG60-201-0794-1270	35#	7.94 5/16	12.70 1/2	2.38 3/32	15.2 50	25mm	1.0bar	1.0bar
PG60-201-0953-1270	96#	9.53 3/8	12.70 1/2	1.59 1/16	15.2 50	35mm	0.6bar	0.5bar
PG60-201-0953-1429	36#	9.53 3/8	14.29 9/16	2.38 3/32	15.2 50	38mm	0.9bar	1.0bar
PG60-201-0953-1588	73#	9.53 3/8	15.88 5/8	3.18 1/8	15.2 50	29mm	1.1bar	1.0bar
PG60-201-1111-1429		11.11 7/16	14.29 9/16	1.59 1/16	15.2 50	57mm	0.5bar	0.2bar
PG60-201-1270-1588		12.70 1/2	15.88 5/8	1.59 1/16	15.2 50	76mm	0.5bar	0.5bar
PG60-201-1270-1905	82#	12.70 1/2	19.05 3/4	3.18 1/8	15.2 50	29mm	0.9bar	1.0bar
PG60-201-1270-2223	88#	12.70 1/2	22.23 7/8	4.76 3/16	15.2 50	80mm	1.3bar	1.2bar
PG60-201-1588-2064		15.88 5/8	20.64 13/16	2.38 3/32	15.2 50	83mm	0.6bar	0.3bar
PG60-101-1588-2223	184#	15.88 5/8	22.23 7/8	3.18 1/8	7.62 25	70mm	0.8bar	0.7bar
PG60-101-1588-2540	89#	15.88 5/8	25.4 1	4.76 3/16	7.62 25			
PG60-101-1905-2540		19.05 3/4	25.4 1	3.18 1/8	7.62 25	89mm	0.6bar	0.5bar
PG60-101-1905-2858	191#	19.05 3/4	28.58 1-1/8	4.76 3/16	7.62 25			
PG60-101-1905-3175	91#	19.05 3/4	31.75 1-1/4	6.35 1/4	7.62 25			
PG60-101-2540-3175		25.40 1	31.75 1-1/4	3.18 1/8	7.62 25	127mm	0.5bar	0.2bar
PG60-101-2540-3493	92#	25.40 1	34.93 1-3/8	4.76 3/16	7.62 25			
PG60-101-2540-3810		25.40 1	38.10 1-1/2	6.35 1/4	7.62 25			

*The recommended working pressure is the calculated value of the burst pressure measured by ASTM D1599 at a ratio of 1:4 at 23 degrees