ProSeries®

by Blue-White Ind.

Technical Data and Ordering Info.

Flex-A-Prene®

Heavy-Duty Peristaltic Pump Tubing



MORE THAN 4X LONGER TUBE LIFE

Note: when upgrading from your current tube assembly to a Flex-A-Prene® tube assembly a Flex-A-Prene® Upgrade Kit is required (see page 4).

Applications:

- Waste Water Treatment
- Process Water Treatment
- High Pressure Systems
- Drinking Water Systems
- Coagulation and Flocculation
- Disinfection
- Corrosion and Scale Control
- pH Control
- Enzyme Injection
- PAC Injection
- Caustic Injection

Features:

- Improved performance with multi-channel tube.
- More than four times the tube life compared to conventional design.
- State of the art fitting ensures simple, error free tube installation.
- Virtually any connection type is possible with our new patent pending design.
- Compatible with tube installation tool.
- Permanently printed model numbers for quick re-order.
- Viewable model number on tube, even installed, while pump is running.
- No seals or valves to clog

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Chemical Resistance of Tubing:

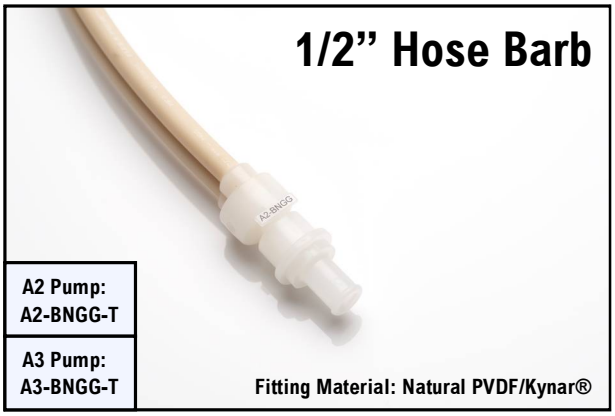
Flex-A-Prene® Tubing

Meets FDA criteria for food | Excellent chemical resistance

Alcohol general	Citric Acid 50%	Hydrochloric acid 33%	Potassium hydroxide
Aluminum Sulfate (Alum)	Ethylene glycol	Hydrocyanic acid	Potassium permanganate 40%
Ammonium chloride	Ferric chloride	Hydrogen peroxide	Propylene glycol
Ammonium hydroxide	Ferric nitrate	Hypochlorous acid	Sodium hydroxide 50%
Ammonium Sulfate (LAS)	Ferric sulfate	Iodine	Sodium Bisulfite
Benzyl alcohol	Ferrous chloride - 43% in water	Magnesium chloride	Sodium Chlorite 12%
Bleach	Ferrous sulfate	Magnesium sulfate	Sodium Hypochlorite 12.5%
Brine solutions	Fluosilicic Acid (up to 25%)	Phosphoric acid	Sodium sulfide
Calcium Hydroxide 10% (Lime Slurry)	Formic acid	Plating solutions	Sulfuric acid up to 50%
Calcium hypochlorite 20%	Glucose	Polyaluminum Chloride (PAC)	Tannic acid

Available Connection Types:

1/2” Hose Barb

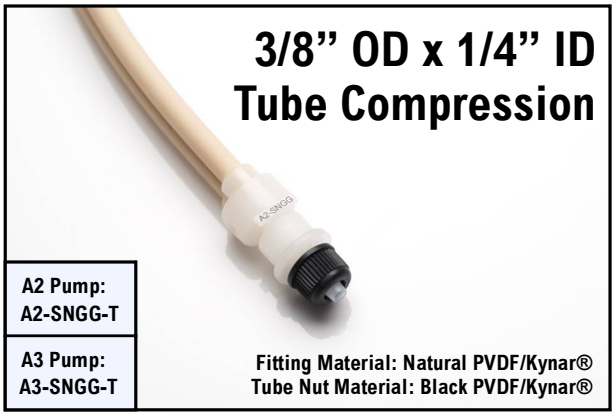


A2 Pump: A2-BNGG-T

A3 Pump: A3-BNGG-T

Fitting Material: Natural PVDF/Kynar®

3/8” OD x 1/4” ID Tube Compression

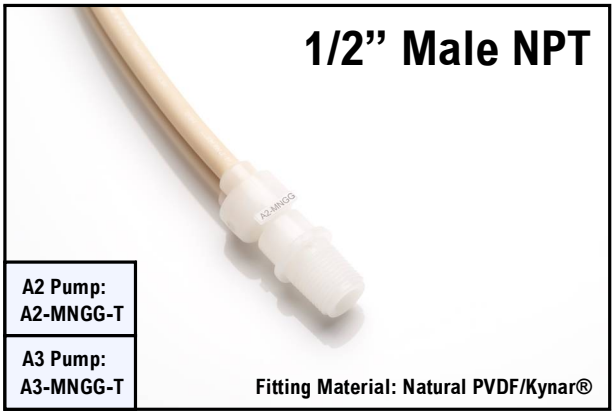


A2 Pump: A2-SNGG-T

A3 Pump: A3-SNGG-T

Fitting Material: Natural PVDF/Kynar®
Tube Nut Material: Black PVDF/Kynar®

1/2” Male NPT



A2 Pump: A2-MNGG-T

A3 Pump: A3-MNGG-T

Fitting Material: Natural PVDF/Kynar®

1/2” - 3/4” Tri-clamp Fitting

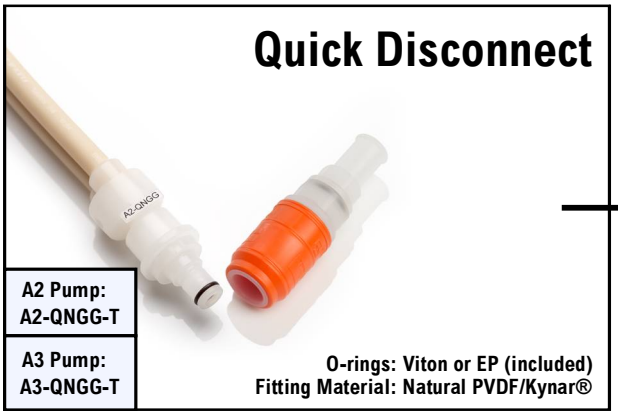


A2 Pump: A2-CNGG-T

A3 Pump: A3-CNGG-T

Fitting Material: Natural PVDF/Kynar®

Quick Disconnect



A2 Pump: A2-QNGG-T

A3 Pump: A3-QNGG-T

O-rings: Viton or EP (included)
Fitting Material: Natural PVDF/Kynar®

Quick Disconnect



Spring: Hastelloy C
Quick Disconnect Fitting Body: PVDF

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Order your next pump with Flex-A-Prene®:

Output Range			Max Speed	Max Pressure	Connection Type	A2 Model Numbers		
Flex-A-Prene® A2 Tube Pumps								
Meets FDA criteria for food | Excellent chemical resistance | CIP | SIP								
GPH	**LPH**	**ML/MIN**	**RPM**	**PSI (bar)**	**Fittings**	**115V AC**	**230V AC**	**220V AC**
.044 - 4.4	.168 - 16.8	2.8 - 280	125	110 (7.6)	Quick Disconnect	A2V24-QNEE	A2V25-QNEE	A2V26-QNEE
.044 - 4.4	.168 - 16.8	2.8 - 280	125	110 (7.6)	1/4" ID. Tube Compression*	A2V24-SNEE	A2V25-SNEE	A2V26-SNEE
.044 - 4.4	.168 - 16.8	2.8 - 280	125	110 (7.6)	1/2" Male NPT	A2V24-MNEE	A2V25-MNEE	A2V26-MNEE
.044 - 4.4	.168 - 16.8	2.8 - 280	125	110 (7.6)	1/2" Hose Barb	A2V24-BNEE	A2V25-BNEE	A2V26-BNEE
.044 - 4.4	.168 - 16.8	2.8 - 280	125	110 (7.6)	1/2" - 3/4" Tri-clamp Fitting	A2V24-CNEE	A2V25-CNEE	A2V26-CNEE
.157 - 15.7	.593 - 59.3	9.9 - 989	125	110 (7.6)	Quick Disconnect	A2V24-QNGG	A2V25-QNGG	A2V26-QNGG
.165 - 16.5	.626 - 62.6	10.43 - 1043	125	110 (7.6)	1/4" ID. Tube Compression*	A2V24-SNGG	A2V25-SNGG	A2V26-SNGG
.172 - 17.2	.651 - 65.1	10.85 - 1085	125	110 (7.6)	1/2" Male NPT	A2V24-MNGG	A2V25-MNGG	A2V26-MNGG
.172 - 17.2	.651 - 65.1	10.85 - 1085	125	110 (7.6)	1/2" Hose Barb	A2V24-BNGG	A2V25-BNGG	A2V26-BNGG
.172 - 17.2	.651 - 65.1	10.85 - 1085	125	110 (7.6)	1/2" - 3/4" Tri-clamp Fitting	A2V24-CNGG	A2V25-CNGG	A2V26-BNGG

*3/8" OD. x 1/4" ID. Tube Compression

Output Range			Max Speed	Max Pressure	Connection Type	A3 Model Numbers		
Flex-A-Prene® A3 Tube Pumps								
Meets FDA criteria for food | Excellent chemical resistance | CIP | SIP								
GPH	**LPH**	**ML/MIN**	**RPM**	**PSI (bar)**	**Fittings**	**115V AC**	**230V AC**	**220V AC**
.002 - 4.8	.007 - 18.0	.12 - 300	125	110 (7.6)	Quick Disconnect	A3V24-QNEE	A3V25-QNEE	A3V26-QNEE
.002 - 4.8	.007 - 18.0	.12 - 300	125	110 (7.6)	1/4" ID. Tube Compression*	A3V24-SNEE	A3V25-SNEE	A3V26-SNEE
.002 - 4.8	.007 - 18.0	.12 - 300	125	110 (7.6)	1/2" Male NPT	A3V24-MNEE	A3V25-MNEE	A3V26-MNEE
.002 - 4.8	.007 - 18.0	.12 - 300	125	110 (7.6)	1/2" Hose Barb	A3V24-BNEE	A3V25-BNEE	A3V26-BNEE
.002 - 4.8	.007 - 18.0	.12 - 300	125	110 (7.6)	1/2" - 3/4" Tri-clamp Fitting	A3V24-CNEE	A3V25-CNEE	A3V26-CNEE
.006 - 16.5	.024 - 62.4	.41 - 1041	125	110 (7.6)	Quick Disconnect	A3V24-QNGG	A3V25-QNGG	A3V26-QNGG
.007 - 18.2	.027 - 69.0	.46 - 1150	125	110 (7.6)	1/4" ID. Tube Compression*	A3V24-SNGG	A3V25-SNGG	A3V26-SNGG
.007 - 19.0	.036 - 72.0	.48 - 1200	125	110 (7.6)	1/2" Male NPT	A3V24-MNGG	A3V25-MNGG	A3V26-MNGG
.007 - 19.0	.036 - 72.0	.48 - 1200	125	110 (7.6)	1/2" Hose Barb	A3V24-BNGG	A3V25-BNGG	A3V26-BNGG
.007 - 19.0	.036 - 72.0	.48 - 1200	125	110 (7.6)	1/2" - 3/4" Tri-clamp Fitting	A3V24-CNGG	A3V25-CNGG	A3V26-BNGG

*3/8" OD. x 1/4" ID. Tube Compression

Upgrade Your Existing Pumps:

Flex-A-Prene® Upgrade Kit

Description	Part Number
A2 Pump Head Kit, Includes: Roller Assembly, and Pump Head cover	72000-539
A3 Pump Head Kit, Includes: Roller Assembly, and Pump Head cover	72000-537

Replacement Parts:

Flex-A-Prene® Roller Assemblies

Description	Part Number
A2 Pump Roller Assembly Complete (Rotor) for NEE and NGG Tubes	A2-SNGG-R
A3 Pump Roller Assembly Complete (Rotor) for NEE and NGG Tubes	A3-SNGG-R

Flex-A-Prene® Tube Part No.

Pump Model	Flow Rate	Max PSI	Connection	Part Number
A2	.045 - 4.5 GPH	110 PSI	Quick Disconnect	A2-QNEE-T
A2	.045 - 4.5 GPH	110 PSI	¼" Tube Compression*	A2-SNEE-T
A2	.045 - 4.5 GPH	110 PSI	1/2" Male NPT	A2-MNEE-T
A2	.045 - 4.5 GPH	110 PSI	1/2" Hose Barb	A2-BNEE-T
A2	.045 - 4.5 GPH	110 PSI	1/2" - 3/4" Tri-clamp	A2-CNEE-T
A2	.157 - 15.7 GPH	110 PSI	Quick Disconnect	A2-QNGG-T
A2	.165 - 16.5 GPH	110 PSI	¼" Tube Compression*	A2-SNGG-T
A2	.172 - 17.2 GPH	110 PSI	1/2" Male NPT	A2-MNGG-T
A2	.172 - 17.2 GPH	110 PSI	1/2" Hose Barb	A2-BNGG-T
A2	.172 - 17.2 GPH	110 PSI	1/2" - 3/4" Tri-clamp	A2-CNGG-T
Pump Model	**Flow Rate**	**Max PSI**	**Connection**	**Part Number**
A3	.002 - 4.75 GPH	110 PSI	Quick Disconnect	A3-QNEE-T
A3	.002 - 4.75 GPH	110 PSI	¼" Tube Compression*	A3-SNEE-T
A3	.002 - 4.75 GPH	110 PSI	1/2" Male NPT	A3-MNEE-T
A3	.002 - 4.75 GPH	110 PSI	1/2" Hose Barb	A3-BNEE-T
A3	.002 - 4.75 GPH	110 PSI	1/2" - 3/4" Tri-clamp	A3-CNEE-T
A3	.007 - 16.5 GPH	110 PSI	Quick Disconnect	A3-QNGG-T
A3	.007 - 18.2 GPH	110 PSI	¼" Tube Compression*	A3-SNGG-T
A3	.007 - 19.02 GPH	110 PSI	1/2" Male NPT	A3-MNGG-T
A3	.007 - 19.02 GPH	110 PSI	1/2" Hose Barb	A3-BNGG-T
A3	.007 - 19.02 GPH	110 PSI	1/2" - 3/4" Tri-clamp	A3-CNGG-T

*3/8" OD. x 1/4" ID. Tube Compression

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