

Flex-Tech Hose & Tubing, LLC.

# PRODUCTS & CAPABILITIES

1100 Civic Center Loop. San Marcos, TX. 78666 | 512-396-2667 |  
[www.flextechhose.com](http://www.flextechhose.com)

John Miller – Sales Manager  
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**RT** – Multipurpose thermoplastic hose with the look and feel of rubber hose at a fraction of the cost

**RTW** – Heavy-duty rubberized thermoplastic water hose

**HCL** – Crystal clear flexible reinforced PVC hose with transparent blue tint

**Chem & AG Spray Hose** - 600 & 800 psi heavy-duty ribbed chemical and agricultural spray hose



**LP Gas Hose** – High or low pressure for appliances, heaters, and RVs

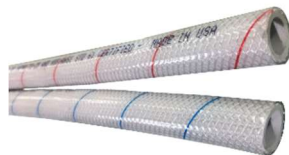


**MRV** – Marine/RV reinforced hose with clear cover and white tube compliant with IAPMO TS-25, NSF/ANSI-61, and FDA

**PW** – Potable water hose – NSF/ANSI-61 certified for drinking water system components with or without red or blue tracer yarn



**NPW** – Non-potable (purple) water hose for proper identification of non-potable reclaim water



**PEB** – NSF/ANSI 51 and FDA compliant food and beverage hose with low taste and odor

**EVA** – Ethyl Vinyl Acetate semi-translucent tubing for use with anhydrous ammonia

liquid, pesticides, and other chemicals



**TPV** - Santoprene™ thermoplastic vulcanizate tubing, highly flexible, used in varied applications in wide temperature extremes, produced to very tight tolerances



**All products can be bought in bulk in a coil or on a reel. Cut lengths and custom hose assemblies with fittings are available upon request. Private brand labeling available upon request.**

## R&D PARTNERSHIPS AND SOLUTIONS:

Many of our products are the result of joint development efforts with our customers. It is through these close relationships that we can provide the best combination of value and performance in today's challenging markets. Talk to us about your hose or tubing requirements. There is a good chance that we can find a way to improve on either the cost or performance of your product.

## MANUFACTURING CAPABILITIES:

Flex-Tech uses state-of-the-art extrusion processes to manufacture our hose and tubing. We constantly evaluate our supplier base and demand excellence in the raw materials that we purchase as well as the products we sell. We also have the capability to attach fittings and test assemblies for a variety of industries. Contact us for any of the following applications:



- Extrusion of almost any thermoplastic material into hose or tubing up to one inch inside diameter
- Co-extrusion of lined tubing or cover
- Spiral reinforcement using many different textile yarns
- High-speed crimping capability for air or water hose assemblies
- Hydraulic crimping capability for high pressure assemblies
- Hydrostatic or aerostatic testing capabilities of finished assemblies (elevated temperatures)



Rubber-like look and feel enhances flexibility while maintaining durability and cost efficiencies of PVC.

#### POTENTIAL USE:

- Multipurpose applications
- Air & water (up to 150° F)
- Pneumatic tools
- Air service for painting equipment
- Coolant lines

#### FEATURES:

- UV & Ozone Resistant
- Non-Marking Cover
- Lightweight
- Long continuous lengths
- Silicone free tube & cover
- Chemical resistance of PVC
- Meets RMA (Class B) oil resistance

#### CONSTRUCTION:

- **Tube:** Specially Formulated PVC Compound
- **Reinforcement:** High Tensile Strength Textile Cord
- **Cover:** Specially Formulated PVC Compound



**TEMPERATURE:** -15° F (-26° C) to +150° F (+65° C) continuous service

**BRANDING:** Flex-Tech RT Multipurpose - 3/8" ID  
300 psi W.P. (2.1 MPa) Made in USA

Part#	I.D.	O.D.	Max W.P.	Wt/ft.	Length	Type	End Conn.
RT-0250XX-RL	1/4"	0.5	300 psi	0.095	500 ft	Reel	None
ART0250XX25MM	1/4"	0.5	300 psi	0.095	25 ft	Assembly	MNPT
ART0250XX50MM	1/4"	0.5	300 psi	0.095	50 ft	Assembly	MNPT
ART0250XX100MM	1/4"	0.5	300 psi	0.095	100 ft	Assembly	MNPT
ART0250XX25QP	1/4"	0.5	300 psi	0.095	25 ft	Assembly	Quick/Plug
ART0250XX50QP	1/4"	0.5	300 psi	0.095	50 ft	Assembly	Quick/Plug
ART0250XX100QP	1/4"	0.5	300 psi	0.095	100 ft	Assembly	Quick/Plug
RT-0375XX-RL	3/8"	0.595	300 psi	0.105	500 ft	Reel	None
ART0375XX25MM	3/8"	0.595	300 psi	0.105	25 ft	Assembly	MNPT
ART0375XX50MM	3/8"	0.595	300 psi	0.105	50 ft	Assembly	MNPT
ART0375XX100MM	3/8"	0.595	300 psi	0.105	100 ft	Assembly	MNPT
ART0375XX25QP	3/8"	0.595	300 psi	0.105	25 ft	Assembly	Quick/Plug
ART0375XX50QP	3/8"	0.595	300 psi	0.105	50 ft	Assembly	Quick/Plug
ART0375XX100QP	3/8"	0.595	300 psi	0.105	100 ft	Assembly	Quick/Plug
RT-0500XX-RL	1/2"	0.785	300 psi	0.132	500 ft	Reel	None
ART0500XX25MM	1/2"	0.785	300 psi	0.132	25 ft	Assembly	MNPT
ART0500XX50MM	1/2"	0.785	300 psi	0.132	50 ft	Assembly	MNPT
ART0500XX100MM	1/2"	0.785	300 psi	0.132	100 ft	Assembly	MNPT
RT-0625XX-RL	5/8"	0.915	300 psi	0.185	500 ft	Reel	None
RT-0625XX-50	5/8"	0.915	300 psi	0.185	50 ft	Coil	None
RT-0625XX-100	5/8"	0.915	300 psi	0.185	100 ft	Coil	None
RT-0750XX-RL	3/4"	1.07	300 psi	0.29	600 ft	Reel	None
RT-0750XX-50	3/4"	1.07	300 psi	0.29	50 ft	Coil	None
RT-0750XX-100	3/4"	1.07	300 psi	0.29	100 ft	Coil	None
RT-1000XX-RL	1"	1.44	200 psi	0.45	400 ft	Reel	None
RT-1000XX-50	1"	1.44	200 psi	0.45	50 ft	Coil	None
RT-1000XX-100	1"	1.44	200 psi	0.45	100 ft	Coil	None

\* 300 psi (2.1 MPa) at 70° F (21° C), 250 psi (.72 MPa) at 150° F (+66° C)

\* Weight Per Foot does not include fittings

\* **Strain Relief(s) / Bend Restrictor(s)** are available and may be added to assemblies at a Net (\$) increase per assembly

#### TO PLACE AN ORDER:

Use the above **Item Number** and appropriate letters for **color** choice in the blank space indicated by **XX**.

**EX:** A reel of 3/8" Flex RT with Red cover would be ordered as: **RT-0375RD-RL**

**RD = Red, GR = Green, BL = Blue, YW = Yellow, BK = Black**



**Premium product: specially formulated thermoplastic provides a rubber-like look and feel at a fraction of the cost.**

**POTENTIAL USE:**

- Heavy-duty Commercial & Construction Use
- General Water Service in Industrial Plants
- Municipal Maintenance and Park Departments
- Irrigation Supply Lines
- Heavy-duty Washdown
- Farm / Ranch Maintenance

**FEATURES:**

- RMA Class B Oil Resistance
- *Rubberized* Thermoplastic for enhanced flexibility
- Exceptional Abrasion Resistant Cover
- Excellent Resistance to Weather & Aging
- Available in Assembly or Bulk Form
- Heavy-duty Fittings on Each Assembly
- Outstanding value



**CONSTRUCTION:**

- **Tube:** Specially Formulated PVC
- **Reinforcement:** High Tensile Strength Textile Cord
- **Cover:** Specially Formulated PVC

**TEMPERATURE:** +15° F (1.7° C) to +150° F (+65° C)

**BRANDING:** Flex-Tech RTW Industrial Grade Water Hose - 5/8" I.D.

Part#	I.D.	O.D.	Max W.P.	Wt./ ft	Length	Type
ARTW0625XX100MF	5/8"	0.89	175 psi	0.185	100 ft	Assembly
ARTW0625XX75MF	5/8"	0.89	175 psi	0.185	75 ft	Assembly
ARTW0625XX50MF	5/8"	0.89	175 psi	0.185	50 ft	Assembly
ARTW0625XX25MF	5/8"	0.89	175 psi	0.185	25 ft	Assembly
RTW-0625XX-RL	5/8"	0.89	175 psi	0.185	500 ft	Reel
ARTW0750XX100MF	3/4"	1.06	175 psi	0.27	100 ft	Assembly
ARTW0750XX75MF	3/4"	1.06	175 psi	0.27	75 ft	Assembly
ARTW0750XX50MF	3/4"	1.06	175 psi	0.27	50 ft	Assembly
ARTW0750XX25MF	3/4"	1.06	175 psi	0.27	25 ft	Assembly
RTW-0750XX-RL	3/4"	1.06	175 psi	0.27	600 ft	Reel

\*Working pressure decreased as temperature increases

\*Weight/foot does not include fittings at each end

\*For color replace **XX** with RD = red, GR = green, BK = black, BL = blue

\*Custom length available upon request. Minimum orders will apply.

Flexible, crystal clear, high tensile, textile reinforced, PVC hose with transparent blue tint. Smooth interior to avoid sediment build-up.

**PHthalate FREE**

**POTENTIAL USE:**

- Water lines
- Pneumatic lines
- Air breathing

**FEATURES:**

- Non-marking
- Clear tube and cover
- Ozone resistant
- Lightweight
- One piece lengths
- Excellent abrasion resistance
- Excellent physical strength
- FDA NSF-51 compliant

**CONSTRUCTION:**

- **Tube:** Specially Formulated Clear PVC
- **Reinforcement:** High Tensile Strength Textile Cord
- **Cover:** Specially Formulated Clear PVC



**TEMPERATURE:** -20° F (-4° C) to +150° F (+65° C) continuous service

**PACKAGING:** Coiled, tied, and individually bagged in heavy-duty, clear plastic bags

Part#	I.D.	O.D.	Max W.P.	Wt./ ft	Lengths
HCL-0250F-00	1/4"	0.500	300 psi	0.085	300/100 ft
HCL-0375F-00	3/8"	0.595	300 psi	0.090	300/100 ft
HCL-0500F-00	1/2"	0.750	300 psi	0.145	300/100 ft
HCL-0625F-00	5/8"	0.895	200 psi	0.180	200/100 ft
HCL-0750F-00	3/4"	1.045	150 psi	0.215	200/100 ft
HCL-1000F-00	1"	1.315	150 psi	0.315	200/100 ft

\* Use -50 or -100 instead of -00 when ordering cut lengths

Flexible PVC chemical agricultural spray hose produced from premium grade PVC compounds for spraying of diluted solutions of water and oil based pesticides and herbicides, as well as most liquid fertilizers.

## Potential Use:

- Pest control bulk reels for spraying diluted solutions of water and oil based pesticides
- Ground care of nurseries, vineyards, & orchards
- Light chemical solutions & insecticides
- Insect and pest control of commercial property and private residences
- Wettable powder insecticide



## FEATURES:

- Ribbed, abrasion resistant cover for reduced drag over rocks and other forms of ground cover
- Lightweight, flexible, kink resistant & non-marking
- Designed for easy coiling
- Superior adhesion between layers for extended service life

## Construction:

- **Tube:** PVC - 600 psi
- **Tube:** PVC - 800 psi
- **Reinforcement:** Synthetic High Tensile Textile Cord
- **Cover:** PVC (Ribbed) 600 psi
- **Cover:** PVC (Ribbed) 800 psi

## SPECIFICATIONS:

- Temperature Range: 25°F (-5°C) to 140°F (+60°C)
- Standard Sizes: 3/8", 1/2" I.D.
- Rated Working Pressure: 600 psi (70°F) (min 3:1 safety factor)
- Packaging: 300 ft and 400 ft coils
- Private brand labeling and custom colors available - minimum order quantities required





**FLEX-TECH LP GAS HOSE** for Heating, RVs and outdoor cooking appliances. Largest Domestic manufacturer of thermoplastic LPG Hose. Available in bulk, finished LPG assemblies, or cut-lengths, high- or low-pressure LPG applications. UL 569 Recognized component / UL 21 listed & CSA approved to CAN1 - 8.3



## APPLICATIONS:

- Outdoor Gas Grills
- RV Hose
- Turkey Fryers
- Fish Cookers
- Torches
- Patio Heaters
- Camping Appliances

Part#	Nom I.D.	Nom O.D.	Max W.P.	Wt./ft	Length
<b>LPG Hose - High Pressure</b>					
H-RHA-4	1/4"	0.505	350 psi	0.078	500 ft
H-RHA-5	5/16"	0.560	350 psi	0.099	500 ft
H-RHA-6	3/8"	0.650	350 psi	0.119	500 ft
<b>LPG Hose - Low Pressure</b>					
H-HB-4	1/4"	0.495	1 psi	0.084	500 ft
H-HB-5	5/16"	0.560	1 psi	0.098	500 ft
H-HB-6	3/8"	0.650	1 psi	0.13	500 ft
<b>Heavy Duty H-RC-8R - High Pressure</b>					
H-RC-8R	1/2"	0.785	350 psi	0.178	300 ft

## H-RC-8 Hose

### DESCRIPTION:

RC-8R/L, 1/2" ID Heavy Duty High Pressure LPG/NAT gas hose available in bulk footage or in UL 21 listed assemblies for OEM, industrial, agricultural and RV applications.

### BENEFITS:

The H-RC-8 is an economical yet extremely durable alternative to traditional 1/2" rubber hoses. As a UL 21 licensed assembler stocking a wide variety of fittings, we can build length specific connectors to fit any application.



Flexible reinforced PVC kink-resistant hose manufactured from carefully selected materials that comply with IAPMO TS-25, FDA, & NSF/ANSI-61.

#### POTENTIAL USE:

- RV cold water, plumbing, & marine connections
- Cold water transfer
- Drinking water plumbing
- Deionized water
- Cold water manifold connection
- Potable water delivery pump connections
- Cold water risers
- Light-duty wash-down



#### FEATURES:

- Tube made from NSF/ANSI-61 listed materials for water contact
- Certified by IAPMO to TS-25 Standard for Reinforced Hose for use in Recreational Vehicle Pressurized Cold Water Systems
- Water contact materials contain no substances designated as hazardous under California Proposition 65
- When coupled properly, hose will pass IAPMO proof test requirement of 300 psi at 73°F for 48 hours
- Lightweight with superior flexibility

#### CONSTRUCTION:

- **Tube:** White NSF/ANSI Standard 61 Listed PVC formulated in compliance with FDA & California Prop 65 non-toxic drinking water safe
- **Reinforcement:** High Tensile Strength Synthetic Yarn
- **Cover:** Unfilled (clear) high molecular weight clear PVC formulated for excellent UV resistance and weather aging

**TEMPERATURE:** 25° F (-4° C) to 125° F (52° C) continuous service

Part#	I.D.	O.D.	Max W.P.	Wt./ft	Lengths
MRV-06CW-00	3/8"	0.575	150 psi	0.075	500 ft
MRV-08CW-00	1/2"	0.695	150 psi	0.100	500 ft
MRV-10CW-00	5/8"	0.845	150 psi	0.145	300 ft

**NSF/ANSI-61 Certified Hose for drinking water system components.**

**POTENTIAL USE:**

- Domestic hot and cold water applications
- Drinking water applications

**FEATURES:**

- Constructed of PVC materials sanctioned for food contact use under CFR title 21, parts 170-199
- Material compounds contain no substances designated as hazardous under California Proposition 65
- Non-marking
- Lightweight
- When coupled properly, 1/4" – 1/2" sizes will conform to high-temp extreme test requirements as defined by ASME A112.18.6, Section 4.3
- Can be ordered with or without tracer yarn - when ordering with tracer yarn for color-coding please specify red or blue



**CONSTRUCTION:**

- **Tube:** White PVC compound specially formulated in compliance with applicable FDA regulations, NSF/ANSI standard 61, and California Proposition 65
- **Reinforcement:** High Tensile Strength Textile Cord
- **Cover:** Clear PVC compound specially formulated in compliance with applicable FDA regulations, NSF/ANSI standard 61, and California Proposition 65

**TEMPERATURE:** 14° F (4° C) to 140° F (65° C) continuous service – All sizes

**PACKAGING:** Coiled, tied, and individually bagged in heavy-duty, clear plastic bags.

\* When ordering with tracer, substitute X for R = Red or B = Blue. If no tracer, leave out X

Part#	I.D.	O.D.	Max W.P.	Wt./ ft	Lengths
PW-0250CWX-00	1/4"	0.475	300 psi	0.069	500/100 ft
PW-0313CWX-00	5/16"	0.531	300 psi	0.080	500/100 ft
PW-0375CWX-00	3/8"	0.595	300 psi	0.098	500/100 ft
PW-0500CWX-00	1/2"	0.750	300 psi	0.140	300/100 ft
PW-0625CWX-00	5/8"	0.895	200 psi	0.180	200/100 ft
PW-0750CWX-00	3/4"	1.045	150 psi	0.215	200/100 ft
PW-1000CWX-00	1"	1.315	150 psi	0.315	200/100 ft

## NPW "Purple" Non-potable Reclaim Water Hose -

Flexible connection for proper handling and identification of non-potable **reclaim water hose - color coded "Purple" cover meets international standards.** Available in bulk, finished hose assemblies, or cut-lengths.

### POTENTIAL USE:

- Municipal maintenance and park departments
- Temporary connections to purple irrigation pipe systems
- Golf course maintenance
- Heavy-duty commercial and construction use
- Farm/ranch maintenance

### FEATURES:

- Purple UV stabilized color gives clear identification of non-potable water service (international standard)
- Meets RMA (Class B) oil resistance
- Rubberized thermoplastic for enhanced flexibility
- Excellent resistance to weathering and aging



### CONSTRUCTION:

- **Tube:** Specially formulated thermoplastic
- **Reinforcement:** Synthetic High Tensile Textile Cord
- **Cover:** Industry standard "purple" color specially formulated thermoplastic

**TEMPERATURE:** 15°F (1.7°C) to 150°F (65°C)

**BRANDING:** Flex-Tech 3/4" I.D. CAUTION – Recycled/Reclaimed Water – DO NOT DRINK / No Beber 150 PSI W.P.

Part#	I.D.	O.D.	Max W.P.	Wt./ ft	Lengths
ANPW0750PR100MF	3/4"	1.06	150 psi	0.27	100 ft
ANPW0750PR75MF	3/4"	1.06	150 psi	0.27	75 ft
ANPW0750PR50MF	3/4"	1.06	150 psi	0.27	50 ft
ANPW0750PR25MF	3/4"	1.06	150 psi	0.27	25 ft
NPW-0750PR-RL	3/4"	1.06	150 psi	0.27	600 ft
NPW-1000PR-RL	1"	1.44	150 psi	0.45	400 ft
ANPW1000PR100GMF	1"	1.44	150 psi	0.45	100 ft
ANPW1000PR50GMF	1"	1.44	150 psi	0.45	50 ft

**FPW** – Food Poultry Washdown hose feels like rubber hose, acts like thermoplastic hose. Developed for use in oil and animal fat environments with moderately hot water and mild detergents.

## POTENTIAL USE:

- Meat/poultry washdown
- Dairies
- Food processing plants
- Breweries
- Hot water cleanup service
- Grocery store meat counters



## FEATURES:

- Moderate heat resistance
- Oil resistant for use in food environments
- *Rubberized* Thermoplastic for enhanced flexibility
- Available in assembly or bulk form
- Heavy-duty one piece interlocking fitting

## CONSTRUCTION:

- **Tube:** Specially Formulated PVC Compound
- **Reinforcement:** High Tensile Strength Textile Cord
- **Cover:** Animal fat and oil resistant PVC hybrid

**TEMPERATURE:** -15°F (-26°C) to 160°F (71°C)

Part#	I.D.	O.D.	Max W.P. @ 73°F	Wt./ ft	Length
AFPW10BL151PCGMF	5/8"	0.885	250 psi	0.185	15 ft
AFPW10BL251PCGMF	5/8"	0.885	250 psi	0.185	25 ft
AFPW10BL501PCGMF	5/8"	0.885	250 psi	0.185	50 ft

\*Weight per foot does not include fittings



Flexible polyester-reinforced polyethylene beverage hose manufactured from carefully selected, premium grade, low taste and odor materials that comply with FDA & NSF/ANSI-51.



#### POTENTIAL USE:

- Soft drink fountain machines
- Beverage dispensing of coffee and related products, i.e. fruit juice, tea, frozen drinks
- Water service both carbonated and non-carbonated
- Dairy product dispensing machines
- Food product distribution and dispensing
- Draught beer, wine, liquor distribution and dispensing systems

#### FEATURES:

- Low taste and odor, smooth bore for quick product changes, easy flush-ability, and cleanout
- Lightweight, flexible, kink-resistant, & non-marking
- Reliable low and high temperature properties including high environmental stress crack resistance characteristics
- Designed for easy coiling, assembly, and installation
- Spiral reinforced for extended service life
- Specially formulated clarity for product and cleanliness inspection while in use

#### CONSTRUCTION:

- **Tube:** FDA approved (regulation 21 CFR 177.1520) & NSF/ANSI-51 listed polyethylene; LDPE chemical resistance to CO<sub>2</sub> (wet/dry) rated A up to 70°F and A/B up to 140°F
- **Reinforcement:** Synthetic high tensile textile cord for improved coupling retention, higher pressure ratings, and longer lasting product integrity & durability
- **Cover:** FDA approved (regulations 21 CFR 177.1350 & 175.105) Ethylene Vinyl Acetate (EVA) Copolymer specially formulated for clarity and added flexibility

**TEMPERATURE:** -40° F (-40° C) to 150° F (65.5° C)

Part#	I.D.	O.D.	Max W.P.	Safety Factor	Wt./ft	Lengths
PEB-04CC-00	1/4"	0.42	300 psi	4:1	0.035	500ft boxed or reel
PEB-06CC-00	3/8"	0.535	300 psi	3:1	0.047	300ft boxed or reel
PEB-08CC-00	1/2"	0.675	250 psi	3:1	0.063	300ft boxed or reel

Specially formulated for superior UV resistance to microbial growth in outdoor or direct sunlight installation. Premium grade, low taste and odor materials that comply with FDA & NSF/ANSI-51.

#### POTENTIAL USE:

- Soft drink fountain machines
- Remote indoor or outdoor connections to various food and beverage systems
- Water service both carbonated and non-carbonated
- Dairy product dispensing machines
- Draught beer, wine, liquor distribution and dispensing systems
- Marine potable water systems



#### FEATURES:

- UV stabilized black or blue cover prevents damaging transmission of light and harmful UV radiation to the liquid being conveyed (Lower light has been proven to reduce microbial and algae growth in water and other liquids)
- Low taste and odor, smooth bore tube for easy flush-ability and cleanout, and quick product changes
- Good low and high temperature properties including high environmental stress crack resistance characteristics
- Designed for easy coiling, assembly, and installation
- Heavy-duty wall for improved kink-resistant & non-marking

#### CONSTRUCTION: (All materials are RoHS compliant)

- **Tube:** FDA approved (regulation 21 CFR 177.1520) & NSF/ANSI-51 listed polyethylene
- **Reinforcement:** Synthetic high tensile textile cord for improved coupling retention, higher pressure ratings, and longer lasting product integrity & durability
- **Cover:** FDA approved (regulations 21 CFR 177.1350 & 175.105) Ethylene Vinyl Acetate (EVA) Copolymer specially formulated for added flexibility

**TEMPERATURE:** -40° F (-40° C) to 150° F (65.5° C)

Part#	I.D.	O.D.	Max WP @ 70°F	Wt./ft	Lengths
PEBX-04CC-00	1/4"	0.450	300 psi	0.045	500ft boxed or reel
PEBX-06CC-00	3/8"	0.595	300 psi	0.077	300ft boxed or reel
PEBX-08CC-00	1/2"	0.735	250 psi	0.090	300ft boxed or reel

**Ethyl Vinyl Acetate (EVA)** hose and tubing is semi-translucent for use with anhydrous ammonia liquid, herbicides, pesticides, and most other chemicals.

## POTENTIAL USE:

- Transfer of anhydrous ammonia liquid
- Alternative to vinyl tubing in surgical, hospital, and pharmaceutical applications
- Agriculture and farm applications



## FEATURES:

- High flexibility
- High impact strength
- FDA 21 CFR 176.170 and 177.1350
- Superior low temperature qualities
- Clear or black (Custom colors available. Minimum order quantities apply.)
- Resistant to grease and oil
- UV resistant

## CONSTRUCTION:

- **Tube:** Specially formulated flexible Ethyl Vinyl Acetate 18% VA content



**TEMPERATURE:** -50°F (-45°C) to 125°F (52°C)

Part#	I.D.	O.D.	Max W.P.	Lengths
TEV04090C-00	1/4"	0.43	150 psi	300 or 500 ft
TEV06090C-00	3/8"	0.555	125 psi	300 or 500 ft
TEV08090C-00	1/2"	0.68	100 psi	300 or 500 ft
TEV10090C-00	5/8"	0.805	80 psi	300 ft
TEV12090C-00	3/4"	0.95	60 psi	250 ft
TEV16090C-00	1"	1.18	45 psi	200 ft

\*For black substitute "C" for "B"

**Santoprene™** TPV tubing is a thermoplastic vulcanizate in the thermoplastic elastomer family. It is highly flexible and can be used in a wide variety of applications where stable mechanical properties are needed in wide temperature extremes. Produced to very tight tolerances, this product is resistant to flex fatigue, UV, and ozone, as well as most common chemicals and oils



**POTENTIAL USE:**

- Peristaltic pump tubing
- Drain and vent lines
- Low pressure food or pharmaceutical distribution and dispensing (natural color only) i.e. condiments, food powders, liquid toppings

**FEATURES:**

- Available in black, grey, or NSF-61/ANSI and FDA natural colors
- Excellent chemical resistance to acids and alkalis
- Impermeable to most gasses and moisture
- 25 – 30% lighter in weight to standard PVC and EPDM
- Extreme low temperature flexibility
- Designed for easy coiling, assembly, and installation
- Compliant to RoHS and EU 2003/11/EC

**CONSTRUCTION:**

- **Tube:** Specially formulated thermoplastic vulcanizate

**TEMPERATURE:** -80°F (-62.222°C) to 180°F (82.222°C)

Part#	I.D.	O.D.	Wall Thickness	Lengths
TR-0360X-00	3/16"	0.31	0.060"	1000 ft coils or spools
TR-0460X-00	1/4"	0.380	0.060"	500 ft coils or spools
TR-04100X-00	1/4"	0.460	0.100"	500 ft coils or spools
TR-06060X-00	3/8"	0.5	0.060"	500 ft coils or spools
TR-06100X-00	3/8"	0.58	0.100"	300 ft coils or spools
TR-08125X-00	1/2"	0.75	0.125"	300 ft coils or spools

\*To designate color use substitute "X" for "G" for grey or "B" for black, "N" for natural.

The Pneumo hose is part of a diver's lifeline referred to as the "umbilical". It uses a small volume of low pressure air to measure the diver's depth. In emergencies, it can also be used as a backup air supply.

Our high quality PVC compounds enable this hose to perform extremely well as a low-pressure air hose versus standard rubber hoses. Its light weight makes it an ideal hose for Pneumo applications.



## FEATURES:

- Chemical resistance of PVC
- Compatible with brass re-usable fittings
- Extremely flexible and durable
- Lightweight
- Long continuous lengths
- Medium/high oil resistance, complies with RMA's Class B Designation
- Multiple colors to choose from
- Private branding available
- Non-marking pin-pricked cover
- One-piece reel lengths
- RoHS compliant
- Silicone-free core and cover
- UV and weather resistant

## CONSTRUCTION:

- **Tube:** Specially Formulated PVC
- **Reinforcement:** High Tensile Strength Textile Cord
- **Cover:** Specially Formulated PVC

Pneumo Hose comes in reel lengths of 2500 ft. All pneumo hose is made to order and is subject to minimum order quantities.

Part#	Nom. I.D.	O.D.	Max PSI	Temp Range F	WT LBS/FT
PA-0250XX-2500RL	1/4"	0.500"	300	-10° to 150°	0.102

XX = HOSE COLORS: YW = YELLOW BL= BLUE BK = BLACK RD = RED





Looks like rubber hose.  
Handles like rubber hose.

**Priced like thermoplastic.**

RTW hose assemblies for  
outdoor commercial irrigation.

## MULTIPLE APPLICATIONS INCLUDE:

- Golf courses
- Baseball fields
- Football and soccer fields
- Municipal maintenance
- Park departments
- Amusement parks



5/8", 3/4", and 1" line sizes available in  
green, red, black, or clear as 50, 75, &  
100 ft assemblies

175 PSI W.P. (3:1)

(See **RTW** and **HCL** hose specifications)



Durable thermoplastic hose designed to meet the needs of the farming and agriculture environment.

Whether it's for spraying fertilizer or pesticide, irrigation, washdown, etc. Flex-Tech has a hose for it.



## MULTIPLE APPLICATIONS INCLUDE:

- Farm equipment
- Sprayers
- Poultry farms
- Dairies
- Slaughterhouses

Ribbed **CHEM** and **AG spray** hoses in 3/8" & 1/2" available in 600 and 800 psi.

**EVA** tubing for anhydrous ammonia and herbicides/pesticides from 1/4" – 1" inside diameters.

Animal oil and fat resistant **FPW** washdown hose in 5/8".



Certified to  
NSF/ANSI 61

NSF-61 certified **PEB** hose for dairy transfer of milk and other dairy products in 1/4", 3/8", & 1/2".

Thermoplastic PVC hose and tubing specially designed and manufactured to meet the rigorous standards of the food and beverage industry. Flex-Tech offers a variety of hoses and tubes to handle any type of food and beverage application meeting NSF-51 and NSF-61 standards.



### MULTIPLE APPLICATIONS INCLUDE:

- Breweries
- Restaurants
- Dairies
- Soda machines
- Potable drinking water



NSF-61 certified **PEB** and **PEBX** hose for transfer of soda, water, tea, etc.

**PW** potable water hose with red and blue tracer yarn.

Santoprene™ **TPV** tubing for food powders, condiments, pharmaceuticals and other related applications.





There is a wide range of hoses found in RVs and boats. Our thermoplastic PVC hose is specifically designed for use in marine & RV environments. From drinking water to the propane gas, Flex-Tech has a hose for it.



## MULTIPLE APPLICATIONS INCLUDE:

- Marine and RV LP gas systems
- Potable drinking water
- Deck/Dock wash-down
- Bilge pumps
- Holding tanks



3/8", 1/2", 5/8" **MRV** hose for RV cold water, plumbing, and marine connections.

1/4", 3/8", & 1/2" **LP gas** hose

1/4" – 1" **RT, RTW, & HCL** clear hose for water lines and washdown.

Flex-Tech hose is a perfect solution for heavy-duty commercial washdown applications. From poultry to concrete trucks, these thermoplastic hoses can handle the situation.

## MULTIPLE APPLICATIONS INCLUDE:

- Poultry and meat washdown
- Concrete trucks
- Roof and house soft-washing
- Light chemical wash



Blue **FPW** (food/poultry washdown) available in 5/8".

All other applications available in 5/8" – 1' line size.

Solid brass male x female fittings. If other specifications need to be met, let us know and we will customize for your application.

RT and RTW colors come in Red, Black, Green, Blue, and Yellow. See **RT**, **RTW**, and **FPW** spec sheets for more details.



**TERMS:**

- NET 30 DAYS unless special terms are otherwise negotiated
- We reserve the right to hold shipments against past due accounts

**CONDITIONS:**

- Minimum purchase may be required.
- Prices are subject to change without notice.
- Special order requirements: Custom assemblies, private brand labeling and/or non-standard colors will usually require a minimum order quantity.
- Prices do not include charges for special packaging, which will be extra, unless specified otherwise.
- All claims must be made within (7) days of receipt of goods.
- Orders for other than standard product or standard lengths may not be cancelled after purchase has been committed, production scheduled, or any other costs incurred.
- Merchandise ordered in error may be returned provided it is standard inventoried product in the original package quantities and packaging.
- Defective or failed merchandise to be held at the buyer's location until authorization has been granted by seller to return or dispose of the merchandise. Merchandise to be returned for final inspection, must be returned **freight prepaid** in the most economical way. Credit will be issued for material to be found defective upon our inspection based on pricing at the time including freight expense.
- A **20% re-stock fee** may apply for product returns.
- **RMA** required for all returns.

**FREIGHT:**

- Prepaid shipments on orders meeting a minimum of \$3500.
- All shipments F.O.B. point of shipment to any one location served by common carrier within the continental U.S. only. Title to the goods passes to the consignee at time of shipment and any claims against the carrier for loss or damage is the responsibility of the consignee.
- Backorders will be shipped in the most practical fashion with charges consistent with our freight policy established for the original order.