



**Your go-to company  
for hose and tubing solutions**

ISO 9001-2000 REGISTERED

**PRODUCT CATALOG**

PC 06.08



**NEXGEN®** offers a line of *standard* and *custom* thermoplastic hose and tubing to meet the constantly changing requirements of today's diverse marketplaces. From development to production, sales to cost effective shipping, Nexgen applies its experience and state-of-the-art processes to deliver the "next generation" of hose and tubing solutions. Nexgen has earned a reputation as the "go to" company for hose and tubing solutions. When you select the Nexgen team as a supplier, you are assured of innovative, value-added products backed with outstanding service and support.

#### **Our Mission Statement**

Through innovation and continuous improvement, Nexgen Hose Inc. will meet or exceed customer expectations and shareholder investment objectives. Nexgen will operate on the principles of integrity, loyalty and fairness towards employees, customers, suppliers, shareholders, and the communities and environments where its affairs are conducted.

#### **Standard and Custom Products Note**

The Technical Bulletins in this catalog represent the standard products regularly produced by Nexgen, and many of these products are stocked. If you do not find the product or information you are seeking in the Technical Bulletins, review the Custom Product pages and contact us.

*We welcome your inquiries for custom and standard products, and we will respond promptly.* Use the "Custom Hose and Tubing" questionnaire in the back of this catalog as a guideline. If we cannot provide the product or information you need, we will direct you to other sources.

#### **Cautionary Note**

The information and recommendations contained in the bulletins in this catalog are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in the bulletins in this catalog constitute permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described.

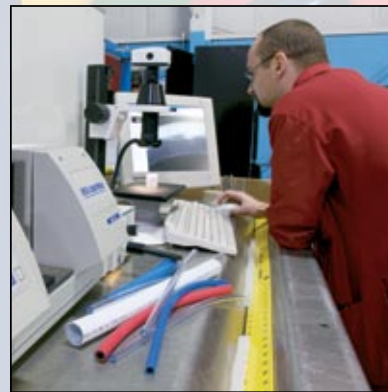
**PHONE** 519-787-0001

**TOLL-FREE** (US AND CANADA) 888-283-1165

**FAX** 519-787-2226

**ADDRESS** Nexgen® Hose Inc., P.O. Box 9, 925 Glengarry Cres., Fergus, ON, N1M 2W7, Canada

**WEB** [www.nexgenhose.com](http://www.nexgenhose.com)



**[www.nexgenhose.com](http://www.nexgenhose.com) • 888-283-1165**

# CONTENTS

CLASS	TRADE NAME	DESCRIPTION	PAGE
<b>TUBING (non-reinforced)</b>			
100	Nexclear®	Clear PVC Tubing FDA, USP, NSF Listed _____	4
106	Nexcol	Colored PVC Tubing _____	5
	Nexcol HSG	Aeration Tubing _____	6
115	Nexprime T	Fuel Resistant Tubing _____	5
400	Nexpoly	Natural and Colored LLD Polyethylene Tubing _____	7
420	Nexflo	Pure Water and Beverage LLDPE Tubing _____	8
439, 440	Nexva T	EVA Tubing _____	8
701	Nexthane ES	Ester Based Polyurethane Tubing _____	9
702	Nexthane ET	Ether Based Polyurethane Tubing _____	9
709	Nexsyn G55	EPDM TPV Tubing General Purpose _____	10
714	Nexsyn F65	EPDM TPV Tubing NSF 61 Compliant _____	10
791	Nexsil	Natural Silicone Tubing FDA _____	11
<b>HOSE (reinforced)</b>			
125	Nexbraid® SW	Standard Wall Reinforced Clear PVC Hose, FDA, USP, NSF Listed _____	12
126	Nexbraid® HD	Heavy Duty Reinforced Clear PVC Hose, FDA, USP, NSF Listed _____	12
128	Nexbraid® PW	Pure Water Hose NSF 61 and Proposition 65 Compliant _____	13
140	Nexwire	Clear Food Grade Vacuum Transfer Hose _____	13
150	Nexlo	General Purpose PVC Air Hose _____	14
155	Nextrile	Premium Low Temperature Air and Water Hose _____	14
157	Nexlok	Clampless Air Hose _____	15
160, 161	Nexaqua GRN, CLR	Municipal and Golf Course Water Hose _____	15
162, 164	Nexaqua RT, BT	Marine Water Hose, Red Tracer, Blue Tracer _____	16
202	Nexspray U600	600 PSI Polyurethane/PVC Spray Hose Yellow Cover _____	17
203	Nexspray U800	800 PSI Polyurethane/PVC Spray Hose Green Cover _____	17
268	Nexspray	600 PSI Yellow PVC Spray Hose _____	17
450	Nexva 12	Reinforced EVA Hose _____	18
715	Nexsyn H61	EPDM TPV Hot Water Hose NSF 61 Compliant _____	18
<b>ACCESSORIES</b>			
401	Nexshear	Hose and Tubing Cutter _____	19
475	Nexwrap	Spiral Wrap Chafe Guard, Harness _____	19
<b>CUSTOM PRODUCTS</b>			
		Custom Hose, Tubing, Bundles, Ribbons and Formed Products _____	20
		Custom Product Questionnaire _____	21
		Minimum Quantity Guideline _____	22
<b>TECHNICAL BULLETINS</b>			
		Chemical Resistance Guideline _____	22
		Temperature Pressure Relationship _____	23



# Nexclear® PVC Tubing



- Description** Crystal clear, glass smooth, flexible vinyl tubing
- Tube Material** Flexible clear PVC with blue tint - 75A Durometer
- Temp. Range** +25 to +150F / -5 to +65C\*
- Applications** Beverage dispensing, potable water, laboratory tubing, drain lines, wine transfer, low pressure air line, distilled water transfer, light vacuum, wire harness
- Ratings** FDA ingredients\*\*, NSF 51 certified to 180F (82C)\*, USP Class VI Rated Materials\*\*  
RoHS Compliant, US Government A-A-52047 Type VI Compliant  
EU: Meets requirements and amendments of Resolution AP(89) for food contact

SILICONE  
FREE

NSF

## Class 100 Nexclear® Food and Beverage Grade Tubing

Part Number	I.D.	O.D.	Wall	Max. WP PSI at 68F/ 20C*	Standard Package	Package Weight		Stocked***
						Lbs	Kgs	
100-01020502	1/16	1/8	.031	50	500 ft/box	2.5	1.1	no
100-02040102	1/8	1/4	.062	65	100 ft/box	1.9	0.9	yes
100-03040102	3/16	1/4	.032	50	100 ft/box	1.1	0.5	yes
100-03050102	3/16	5/16	.062	55	100 ft/box	2.5	1.1	yes
100-03060102	3/16	3/8	.094	60	100 ft/box	4.3	2.0	no
100-04060102	1/4	3/8	.062	55	100 ft/box	3.2	1.5	yes
100-04070102	1/4	7/16	.094	58	100 ft/box	5.3	2.4	yes
100-04080102	1/4	1/2	.125	60	100 ft/box	7.7	3.5	yes
100-05070102	5/16	7/16	.062	50	100 ft/box	3.9	1.8	yes
100-05080102	5/16	1/2	.094	55	100 ft/box	6.3	2.9	yes
100-05090102	5/16	9/16	.125	60	100 ft/box	9.0	4.1	yes
100-06080102	3/8	1/2	.062	45	100 ft/box	4.5	2.0	yes
100-06090102	3/8	9/16	.094	50	100 ft/box	7.3	3.3	yes
100-06100102	3/8	5/8	.125	55	100 ft/box	10.3	4.7	yes
100-07090102	7/16	9/16	.062	35	100 ft/box	5.1	2.3	yes
100-08100102	1/2	5/8	.062	30	100 ft/box	5.8	2.6	yes
100-08110102	1/2	11/16	.094	40	100 ft/box	9.2	4.2	yes
100-08120102	1/2	3/4	.125	45	100 ft/box	12.9	5.9	yes
100-10120102	5/8	3/4	.062	25	100 ft/box	7.2	3.3	yes
100-10130102	5/8	13/16	.094	35	100 ft/box	11.2	5.1	yes
100-10140102	5/8	7/8	.125	40	100 ft/box	15.5	7.0	yes
100-12160100	3/4	1	.125	35	100 ft/coil	18.1	8.2	yes
100-12180100	3/4	1 1/8	.187	40	100 ft/coil	29.2	13.2	no
100-12200100	3/4	1 1/4	.250	45	100 ft/coil	41.5	18.8	yes
100-14180100	7/8	1 1/8	.125	30	100 ft/coil	20.7	9.4	yes
100-14200100	7/8	1 1/4	.187	35	100 ft/coil	33.1	15.0	no
100-16200100	1	1 1/4	.125	25	100 ft/coil	23.3	10.6	yes
100-16220100	1	1 3/8	.187	30	100 ft/coil	37.1	16.8	yes
100-16240100	1	1 1/2	.250	35	100 ft/coil	51.8	23.5	yes
100-20240100	1 1/4	1 1/2	.125	20	100 ft/coil	28.5	12.9	yes
100-20260100	1 1/4	1 5/8	.187	30	100 ft/coil	44.6	20.2	no
100-20280100	1 1/4	1 3/4	.250	40	100 ft/coil	62.2	28.2	yes
100-24300100	1 1/2	1 7/8	.187	30	100 ft/coil	52.7	23.9	yes
100-24320100	1 1/2	2	.250	35	100 ft/coil	72.6	32.9	yes
100-32400100	2	2 1/2	.250	30	100 ft/coil	93.4	42.4	yes
100-40480050	2 1/2	3	.250	25	50 ft/coil	57.0	25.9	no
100-48520050	3	3 1/4	.125	15	50 ft/coil	32.0	14.5	no

- Notes**
- \* Working pressures shown are at 68F/ 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.
  - \*\* All compound ingredients used in this tubing are listed in the US FDA CFR, Title 21. Tubing NSF 51 Listed. Compound USP Class VI rated.
  - \*\*\* Minimum quantity guideline applies for non-stock items. Other sizes and lengths are available on request. Contact Nexgen Hose.
- Due to our process of continuous improvement, specifications are subject to change without notification.

# Nexcol Colored PVC Tubing



**Description** General Purpose Colored PVC tubing  
**Tube Material** Colored PVC - 75A Durometer  
**Temp. Range** +25 to +150F / -5 to +65C\*  
**Applications** Drain lines, liquid transfer, low pressure air line, light vacuum, wire harness.  
*Not suitable for fuel.*



## Class 106 Nexcol Colored PVC Tubing

Part Number	I.D.	O.D.	Wall	Max. WP PSI at 68F / 20C*	Color	Standard Package	Package Lbs	Weight Kgs	Stocked **
106-02041702	1/8	1/4	.062	65	white	1000 ft/box	19.0	8.6	yes
106-02048702	1/8	1/4	.062	65	black	1000 ft/box	19.0	8.6	yes
106-03058102	3/16	5/16	.062	55	black	100 ft/box	2.5	1.1	yes
106-04068102	1/4	3/8	.062	55	black	100 ft/box	3.2	1.5	no
106-06088102	3/8	1/2	.062	45	black	100 ft/box	4.5	2.0	no
106-08108102	1/2	5/8	.062	30	black	100 ft/box	5.8	2.6	no
106-08128102	1/2	3/4	.125	45	black	100 ft/box	12.9	5.9	no
106-10145100	5/8	7/8	.125	40	green	100 ft/coil	15.5	7.0	no
106-12166100	3/4	1	.125	35	blue	100 ft/coil	18.1	8.2	yes
106-14187100	7/8	1-1/8	.125	30	grey	100 ft/coil	20.7	9.4	no
106-16208100	1	1-1/4	.125	25	black	100 ft/coil	25.8	11.7	no

# Nexprime T Fuel Grade Tubing

**Description** Fuel Resistant PVC tubing. Resists deteriorating effects of exposure to fuel.  
**Tube Material** Clear PVC with slight amber tint – 70A Durometer  
**Temp. Range** +25 to +150F / -5 to +65C\*  
**Applications** Small engine fuel feed lines where the liquid is normally in continuous contact in the line. *Not suitable for automotive “under the hood” applications.*



## Class 115 Nexprime T Fuel Grade PVC Tubing

Part Number	I.D.	O.D.	Wall	Max. WP PSI at 68F / 20C*	Color	Standard Package	Package Lbs	Weight Kgs	Stocked **
115-02040102	1/8	1/4	.062	65	clear	100 ft/box	1.9	0.9	yes
115-03050102	3/16	5/16	.062	55	clear	100 ft/box	2.5	1.1	yes
115-04060102	1/4	3/8	.062	55	clear	100 ft/box	3.2	1.5	yes
115-06080102	3/8	1/2	.062	45	clear	100 ft/box	4.5	2.0	yes

**Notes** \* Working pressures shown are at 68F / 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.  
 \*\* Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose.  
 Due to our process of continuous improvement, specifications are subject to change without notification.

# Nexcol HSG Aeration Tubing



- Description** General Purpose Heavyweight Aeration tubing
- Tube Material** Black PVC
- Temp. Range** -30 to +140F / -34C to +60C\*
- Features**
- Tubing sinks when full of air and stays on the bottom without additional weight attachments.
  - 2 grades available - Highly Flexible Premium Grade, and Economy Grade
- Applications** Pond aeration, water recirculation, ice clearing, waste water lagoon treatment.

## Class 106 Nexcol HSG Aeration Tubing – Highly Flexible Premium Grade

Part No.	I.D.	O.D.	Max. WP PSI at 68F / 20C*	Standard Package	Wgt. Per Foot		Package Weight		Stocked**
					Lbs	Kgs	Lbs	Kgs	
106-00118055	3/8	.735	50	50 ft/coil	.20	.09	10.2	4.6	yes
106-00118105	3/8	.735	50	100 ft/coil	.20	.09	20.3	9.2	yes
106-00148055	1/2	1.080	50	50 ft/coil	.47	.21	23.3	10.5	yes
106-00148100	1/2	1.080	50	100 ft/coil	.47	.21	46.5	21.1	yes
106-00068055	5/8	1.155	50	50 ft/coil	.50	.23	25.0	11.3	yes
106-00068100	5/8	1.155	50	100 ft/coil	.50	.23	50.0	22.7	yes

## Class 106 Nexcol HSG Aeration Tubing – Economy Grade

Part No.	I.D.	O.D.	Max. WP PSI at 68F / 20C*	Standard Package	Wgt. Per Foot		Package Weight		Stocked**
					Lbs	Kgs	Lbs	Kgs	
106-00208055	3/8	.685	50	50 ft/coil	.20	.09	10.2	4.6	no
106-00208105	3/8	.685	50	100 ft/coil	.20	.09	20.3	9.2	no
106-00268055	1/2	1.010	50	50 ft/coil	.48	.22	24.0	10.9	no
106-00268100	1/2	1.010	50	100 ft/coil	.48	.22	48.0	21.8	no
106-00258100	5/8	1.135	50	100 ft/coil	.56	.25	56.1	25.4	no
106-00258501	5/8	1.135	50	500 ft/reel	.56	.25	280.5	127.2	no

- Notes**
- \* Working pressures shown are at 68F/ 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.
  - \*\* Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose. Due to our process of continuous improvement, specifications are subject to change without notification.

# Nexpoly LLDPE Tubing



- Description** Linear Low Density Polyethylene Tubing  
**Temp. Range** -50 to +140F / -45 to +60C \*  
**Applications** Pneumatic lines, humidifier water supply, vacuum line, wire harness, robotics  
**Features**
- Lightweight and semi-transparent (natural)
  - High ESCR (environmental stress crack rating)
  - Excellent solvent and chemical resistance
  - Suitable for attachment to standard compression and push to connect fittings
  - RoHS Compliant



## Class 400 Nexpoly FG Food Grade – Natural Color

Part No.	O.D.	Nominal I.D.	Color	Max. WP PSI at 68F/20C*	Standard Package	APPROXIMATE WEIGHT				Stocked **
						Per 100 Feet Lbs	Kgs	Std. Package Lbs	Kgs	
400-04400105	1/4	.170	.040	150	36x 100 ft/coil	1.1	0.5	21	10	yes
400-04400704	1/4	.170	.040	150	1000 ft/spl	1.1	0.5	11	5	yes
400-04400804	1/4	.170	.040	150	2000 ft/spl	1.1	0.5	21	10	yes
400-04620804	1/4	.125	.062	150	2000 ft/spl	1.5	0.7	29	13	yes
400-05620754	5/16	.188	.062	150	1500 ft/spl	2.0	0.9	29	13	yes
400-06620105	3/8	.250	.062	150	10x100 ft/coil	2.5	1.1	25	11	yes
400-06620504	3/8	.250	.062	150	500 ft/spl	2.5	1.1	12	6	yes
400-06620704	3/8	.250	.062	150	1000 ft/spl	2.5	1.1	25	11	yes
400-08620105	1/2	.375	.062	150	10x100 ft/coil	3.5	1.6	17	8	yes
400-08620504	1/2	.375	.062	150	500 ft/spl	3.5	1.6	17	8	yes
400-08620701	5/8	.500	.062	150	1000 ft/reel	3.5	3.5	35	16	yes
400-10620105	5/8	.500	.062	100	5x100 ft/coil	4.4	2.0	22	10	yes
400-10620500	5/8	.500	.062	100	500 ft/coil	4.4	2.0	22	10	yes
400-12620100	3/4	.625	.062	75	100 ft/coil	5.4	2.4	5	2	yes
400-12620500	3/4	.625	.062	75	500 ft/coil	5.4	2.4	27	12	yes

## Class 400 Nexpoly Colors

Part No.	O.D.	Nominal I.D.	Color	Max. WP PSI at 68F/20C*	Standard Package	APPROXIMATE WEIGHT				Stocked **
						Per 100 Feet Lbs	Kgs	Std. Package Lbs	Kgs	
400-04402704	1/4	.170	Yellow	150	1000 ft/spl	1.1	0.5	11	5	yes
400-04404704	1/4	.170	Red	150	1000 ft/spl	1.1	0.5	11	5	yes
400-04405704	1/4	.170	Green	150	1000 ft/spl	1.1	0.5	11	5	yes
400-04406704	1/4	.170	Blue	150	1000 ft/spl	1.1	0.5	11	5	yes
400-04408704	1/4	.170	Black	150	1000 ft/spl	1.1	0.5	11	5	yes
400-04408804	1/4	.170	Black	150	2000 ft/spl	1.1	0.5	21	10	yes
400-04409704	1/4	.170	Violet	150	1000 ft/spl	1.1	0.5	11	5	yes
400-06622704	3/8	.250	Yellow	150	1000 ft/spl	2.5	1.1	25	11	yes
400-06624704	3/8	.250	Red	150	1000 ft/spl	2.5	1.1	25	11	yes
400-06626704	3/8	.250	Blue	150	1000 ft/spl	2.5	1.1	25	11	yes
400-06628704	3/8	.250	Black	150	1000 ft/spl	2.5	1.1	25	11	yes
400-08628504	1/2	.375	Black	150	500 ft/spl	3.5	1.6	17	8	yes
400-10628500	5/8	.500	Black	100	500 ft/coil	4.4	2.0	22	10	yes
400-12628500	3/4	.625	Black	75	500 ft/coil	5.4	2.4	27	12	yes

- Notes**
- \* Working pressures shown are at 68F/ 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.
  - \*\* Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose. Due to our process of continuous improvement, specifications are subject to change without notification.

# Nexflo Pure Water and Beverage Tubing

- Description** Potable Water and Beverage Transfer Tubing
- Tube** FDA Natural LLDPE (see compliance notes below)
- Temp. Range** -50 to +180F / -45 to +82C\*
- Applications** Potable and pure water transfer, beverage (concentrate and mixed) transfer, temporary municipal water connections, bottled water plants, collection of water for analysis.
- Features**
  - Non-leaching, non-absorbing tube protects integrity of water, beverage or food quality
  - Long one piece lengths • Suitable for de-ionized water
  - Lightweight and semi-transparent (natural) • High ESCR (environmental stress crack rating)
  - Suitable for attachment to industry standard fittings and couplings
- Certifications**
  - Tubing is certified to NSF Standard 51, to 180F (82C)\*
  - Material complies with the U.S. FDA regulation 21 CFR 177.1520
  - RoHS Compliant



## Class 420 Nexflo FG Food Grade – Natural Color

Part No.	I.D.	O.D.	Wall	Max. WP PSI at 68F/20C**	Standard Package	APPROXIMATE WEIGHT				Stocked**
						Per 100 Feet Lbs	Kgs	Std. Package Lbs	Kgs	
420-04400804	.170	1/4	.040	150	2000 ft/spl	1.1	0.5	21	10	yes
420-06620704	.250	3/8	.062	150	1000 ft/spl	2.5	1.1	25	11	yes
420-08620504	.375	1/2	.062	150	500 ft/spl	3.5	1.6	17	8	yes
420-10620500	.500	5/8	.062	100	500 ft/coil	4.4	2.0	22	10	no
420-12620500	.625	3/4	.062	75	500 ft/coil	5.4	2.4	27	12	no

# Nexva EVA Tubing

- Description** Semi-translucent Ethyl Vinyl Acetate (EVA) tubing
- Temp. Range** -50 to +125F / -45 to +52C \*
- Applications** Herbicide, pesticide and anhydrous ammonia applicator hose, vacuum line, sight gauge, lawn spray, water supply, chemical transfer, seed insertion.
- Ratings**
  - RoHS Compliant



## Class 439-440 Nexva T Non-reinforced EVA Tubing

Part No.	I.D.	O.D.	Colour	Max. WP PSI at 68F/20C*	Standard Package	Wgt. Per 100 Feet Lbs	Kgs	Package Weight Lbs	Kgs	Stocked**
440-06080300	3/8	.500	Nat	75	300 ft/coil	3.4	1.5	10	5	yes
440-06100300	3/8	.625	Nat	125	300 ft/coil	7.9	3.6	24	11	no
440-06100501	3/8	.625	Nat	125	500 ft/reel	7.9	3.6	40	18	yes
440-08100300	1/2	.625	Nat	70	300 ft/coil	4.4	2.0	13	6	yes
440-08120300	1/2	.750	Nat	125	300 ft/coil	9.9	4.5	30	13	no
440-12160300	3/4	1.000	Nat	100	300 ft/coil	13.9	6.3	42	19	no
439-14180200	7/8	1.125	Nat	100	200 ft/coil	15.9	7.2	32	14	no
439-14188200	7/8	1.125	Blk	100	200 ft/coil	15.9	7.2	32	14	no
440-16200200	1	1.250	Nat	75	200 ft/coil	17.9	8.1	36	16	yes
439-16008100	1	1.250	Blk	75	100 ft/coil	17.9	8.1	18	8	yes

**Notes** \* Working pressures shown are at 68F/ 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.  
 \*\* Minimum quantity guideline applies for non-stock items. Other sizes and lengths are available on request. Contact Nexgen Hose.  
 Due to our process of continuous improvement, specifications are subject to change without notification.

# Nexthane Polyurethane Tubing



- Description** Nexthane Polyurethane Tubing is a tough yet flexible clear tubing with outstanding resistance to abrasion, weathering, impact, tearing and radiation. Unlike PVC tubing, Nexthane does not contain plasticizers that can be extracted.
- Tube Material** Natural Polyurethane (clear)
- Temp. Range** -85 to +185F / -65 to +85C\*
- Applications** Class 701 Nexthane ES: Ester based for resistance to oils, grease and fuels  
Class 702 Nexthane ET: Ether based for resistance to moisture and fungus

## Class 701 Nexthane ES – Ester Based Polyurethane Tubing 85A Durometer

Part Number	I.D.	O.D.	Wall	Max. WP PSI at 68F / 20C**	Color	Standard Package	Package Lbs	Weight Kgs	Stocked**
701-01020102	1/16	1/8	.031	135	clear	100 ft/box	0.5	0.2	yes
701-02030102	1/8	3/16	.031	75	clear	100 ft/box	0.8	0.4	yes
701-02040102	1/8	1/4	.062	135	clear	100 ft/box	1.9	0.9	yes
701-03040102	3/16	1/4	.031	50	clear	100 ft/box	1.1	0.5	yes
701-03050102	3/16	5/16	.062	75	clear	100 ft/box	2.5	1.1	yes
701-04050102	1/4	5/16	.031	40	clear	100 ft/box	1.4	0.6	yes
701-04060102	1/4	3/8	.062	70	clear	100 ft/box	3.2	1.5	yes
701-06080102	3/8	1/2	.062	60	clear	100 ft/box	4.8	2.2	yes
701-06090102	3/8	9/16	.094	100	clear	100 ft/box	7.2	3.2	yes
701-08100102	1/2	5/8	.062	50	clear	100 ft/box	5.8	2.6	yes
701-08120102	1/2	3/4	.125	70	clear	100 ft/box	12.8	5.8	yes
701-10140102	5/8	7/8	.125	60	clear	100 ft/box	15.3	7.0	yes
701-12160100	3/4	1	.125	50	clear	100 ft/coil	17.9	8.1	yes
701-16200100	1	1 1/4	.125	40	clear	100 ft/coil	23.0	10.4	yes

## Class 702 Nexthane ET – Ether Based Polyurethane Tubing 85A Durometer

Part Number	I.D.	O.D.	Wall	Max. WP PSI at 68F / 20C**	Color	Standard Package	Package Lbs	Weight Kgs	Stocked **
702-01020102	1/16	1/8	.031	135	clear	100 ft/box	0.5	0.2	yes
702-02030102	1/8	3/16	.031	75	clear	100 ft/box	0.7	0.3	yes
702-02040102	1/8	1/4	.062	135	clear	100 ft/box	1.8	0.8	yes
702-03050102	3/16	5/16	.062	75	clear	100 ft/box	2.4	1.1	yes
702-04050102	1/4	5/16	.031	40	clear	100 ft/box	1.3	0.6	yes
702-04060102	1/4	3/8	.062	70	clear	100 ft/box	3.0	1.4	yes
702-06080102	3/8	1/2	.062	60	clear	100 ft/box	4.2	1.9	yes
702-06090102	3/8	9/16	.094	100	clear	100 ft/box	6.7	3.0	yes
702-08100102	1/2	5/8	.062	50	clear	100 ft/box	5.4	2.4	yes
702-08110102	1/2	11/16	.094	60	clear	100 ft/box	8.5	3.8	yes
702-08120102	1/2	3/4	.125	70	clear	100 ft/box	11.9	5.4	yes
702-10140102	5/8	7/8	.125	60	clear	100 ft/box	14.3	6.5	yes
702-12160100	3/4	1	.125	50	clear	100 ft/coil	16.7	7.6	yes
702-16200100	1	1 1/4	.125	40	clear	100 ft/coil	21.5	9.7	yes

- Notes**
- \* Working pressures shown are at 68F / 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.
  - \*\* Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose.

# Nexsyn EPDM TPV Tubing



**Description** Nexsyn TPV Tubing is extruded to close tolerances using specially designed thermoplastic vulcanizates that perform like EPDM rubber. This highly durable tubing is resistant to flex fatigue, ozone, UV, water, and Nexsyn has excellent resistance to a wide range of chemicals including acids and alkalis. The mechanical and recovery properties are comparable to most vulcanized elastomers and superior to most thermoplastic elastomers. Nexsyn Tubing is 25–35% lighter than PVC and rubber tubing in the same dimensions.

**Tube Material**  
**Temp. Range**  
**Applications**

Opaque EPDM TPV

SILICONE  
FREE

-75 to 180F / -60 to 82C\*

Peristaltic pump tubing, food and beverage transfer (Nexsyn F65), drain lines, light vacuum, potable water (Nexsyn F65), handle grips.

## Class 709 Nexsyn G55 – General Purpose Black

Part Number	I.D.	O.D.	Wall	Max. WP PSI at 68F / 20C*	Color	Standard Package	Package Lbs	Weight Kgs	Stocked **
709-03068102	3/16	3/8	.094	40	black	100 ft/box	3.5	1.6	no
709-04078102	1/4	7/16	.094	40	black	100 ft/box	4.3	2.0	yes
709-06098102	3/8	9/16	.094	35	black	100 ft/box	5.6	2.5	no
709-08128102	1/2	3/4	.125	35	black	100 ft/box	10.4	4.7	no
709-10148102	5/8	7/8	.125	30	black	100 ft/box	12.5	5.7	no
709-12168100	3/4	1	.125	30	black	100 ft/coil	14.6	6.6	no
709-14188100	7/8	1 1/8	.125	30	black	100 ft/coil	17.0	7.7	yes
709-16208100	1	1 1/4	.125	25	black	100 ft/coil	18.7	8.5	yes

## Class 714 Nexsyn F65 – FDA, NSF 61 Compliant Natural Compound \*\*\*

Part Number	I.D.	O.D.	Wall	Max. WP PSI at 68F / 20C*	Color	Standard Package	Package Lbs	Weight Kgs	Stocked **
714-03060102	3/16	3/8	.094	40	Natural	100 ft/box	3.5	1.6	no
714-04070102	1/4	7/16	.094	40	Natural	100 ft/box	4.3	2.0	yes
714-06090102	3/8	9/16	.094	35	Natural	100 ft/box	5.6	2.5	yes
714-08120102	1/2	3/4	.125	35	Natural	100 ft/box	10.4	4.7	yes
714-10140102	5/8	7/8	.125	30	Natural	100 ft/box	12.5	5.7	no
714-12160100	3/4	1	.125	30	Natural	100 ft/coil	14.6	6.6	yes
714-16200100	1	1 1/4	.125	25	Natural	100 ft/coil	18.7	8.5	yes

**Ratings**

Class 714 Nexsyn F65 only

- Complies to provisions of US FDA 21 CFR 177.1210 and 177.2600
- Compound used is NSF SI certified to maximum temperature 212F / 100C\*
- Compound compliant to EU Directive 2003/11/EC
- RoHS Compliant – EU Directive 2002/95/EC

**Notes**

\* Working pressures shown are at 68F / 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.

\*\* Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose.

\*\*\* The TPV compound used in this tubing is NSF 61 listed. All ingredients in the TPV compound are listed in the U.S. FDA CFR, Title 21.

Due to our process of continuous improvement, specifications are subject to change without notification.

# Nexsil FDA Silicone Tubing



- Description** Natural Translucent FDA Silicone Tubing
- Tube Material** 50A Durometer Natural Silicone
- Temp. Range** -100 to +500F / -73 to +260C\*
- Applications** Hot and cold beverage dispensing, potable & de-ionized water transfer, laboratory tubing, hot fill systems, peristaltic pumps, chemical transfer, personal care products, dairy service and more
- Features**
- Unaffected by extreme temperature variation
  - Highly flexible, stretchable and resistant to compression set
  - Inert, odorless and tasteless. Resists UV light, ozone, gases and moisture
  - Self extinguishing and good electrical properties
- Certifications**
- Tubing NSF listed by manufacturer to maximum temperature 350F (175C); contact Nexgen for details
  - All ingredients in the tube compound are FDA sanctioned per FDA 21 CFR 177.2600
  - RoHS Compliant • Incineration-approved by Scientific Ecology Group

## Class 791 Nexsil FDA Silicone Tubing

Part Number	I.D.	O.D.	Wall	Max. WP PSI at 68F/20C*	Standard Package	Package Weight		Stocked**
						Lbs	Kgs	
791-01020102	1/16	1/8	.032	10	100 ft/box	0.5	0.2	yes
791-01030102	1/16	3/16	.063	20	100 ft/box	1.3	0.6	yes
791-00010102	3/32	5/32	.031	10	100 ft/box	0.7	0.3	yes
791-00020102	3/32	7/32	.063	15	100 ft/box	1.6	0.7	yes
791-02030102	1/8	3/16	.031	10	100 ft/box	0.9	0.4	yes
791-02040102	1/8	1/4	.063	20	100 ft/box	2.0	0.9	yes
791-02050102	1/8	5/16	.094	25	100 ft/box	3.3	1.5	yes
791-02060102	1/8	3/8	.125	30	100 ft/box	4.9	2.2	yes
791-00030102	5/32	9/32	.063	20	100 ft/box	2.1	1.0	yes
791-00040102	5/32	11/32	.094	20	100 ft/box	3.6	1.7	yes
791-03040102	3/16	1/4	.032	5	100 ft/box	1.2	0.6	yes
791-03050102	3/16	5/16	.063	20	100 ft/box	2.6	1.2	yes
791-03060102	3/16	3/8	.094	20	100 ft/box	4.1	1.9	yes
791-03070102	3/16	7/16	.125	15	100 ft/box	6.1	2.8	yes
791-04050102	1/4	5/16	.031	10	100 ft/box	1.5	0.7	yes
791-04060102	1/4	3/8	.063	5	100 ft/box	3.3	1.5	yes
791-04070102	1/4	7/16	.094	20	100 ft/box	5.1	2.3	yes
791-04080102	1/4	1/2	.125	15	100 ft/box	7.5	3.4	yes
791-05070102	5/16	7/16	.063	10	100 ft/box	3.7	1.7	yes
791-05080102	5/16	1/2	.094	10	100 ft/box	6.3	2.9	yes
791-06080102	3/8	1/2	.063	10	100 ft/box	4.3	2.0	yes
791-06090102	3/8	9/16	.094	10	100 ft/box	7.1	3.2	yes
791-06100102	3/8	5/8	.125	10	100 ft/box	10.2	4.6	yes
791-06120102	3/8	3/4	.188	15	100 ft/box	16.7	7.6	yes
791-07100102	7/16	5/8	.094	10	100 ft/box	7.7	3.5	yes
791-08100102	1/2	5/8	.063	5	100 ft/box	5.8	2.6	yes
791-08110102	1/2	11/16	.094	5	100 ft/box	9.5	4.3	yes
791-08120102	1/2	3/4	.125	10	100 ft/box	13.1	6.0	yes
791-08140102	1/2	7/8	.188	10	100 ft/box	15.0	6.8	yes
791-10120102	5/8	3/4	.063	3	100 ft/box	6.9	3.1	yes
791-10130102	5/8	13/16	.094	5	100 ft/box	11.3	5.1	yes
791-10140102	5/8	7/8	.125	5	100 ft/box	13.4	6.1	yes
791-10160102	5/8	1	.188	10	100 ft/box	22.9	10.4	yes
791-12160052	3/4	1	.125	5	50 ft/box	17.6	8.0	yes
791-12180052	3/4	1 1/8	.188	10	50ft/box	26.6	12.0	yes

- Notes**
- \* Working pressures shown are at 68F/ 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.
  - \*\* Other sizes, colors and lengths are available on request. Contact Nexgen Hose.

# Nexbraid® Reinforced Clear PVC Hose



- Description** Flexible, see through clear hose with braid pattern reinforcement
- Tube and Cover** Flexible clear PVC with transparent blue tint\*
- Reinforcement** 2 Polyester Spirals
- Temp. Range** +25 to +150F / -5 to +65C\*\*
- Applications** Air and water hose, beverage dispensing, potable water, light vacuum, air breathing supply pneumatics, powdered food transfer, flexible conduit and harness.
- Ratings** FDA ingredients\*, NSF 51 certified to 180F (82C)\*\*, USP Class VI Rated\*  
EU: Meets requirements and amendments of Resolution AP(89) for food contact  
RoHS Compliant



## Class 125 Nexbraid® SW – Food and Beverage Grade, Standard Wall

Part No.	I.D.	O.D.	Max. WP PSI at 68F/20C**	Standard Package	APPROXIMATE WEIGHT				Stocked***
					Per 100 Feet Lbs	Per 100 Feet Kgs	Std. Package Lbs	Std. Package Kgs	
125-02000500	1/8	.315	300	500 ft/coil	3.6	1.6	18	8	yes
125-03000300	3/16	.375	250	300 ft/coil	4.5	2.0	14	6	yes
125-04000300	1/4	.438	250	300 ft/coil	5.7	2.6	17	8	yes
125-05000300	5/16	.525	250	300 ft/coil	7.5	3.4	23	10	yes
125-06000300	3/8	.594	225	300 ft/coil	9.0	4.1	27	12	yes
125-08000300	1/2	.750	200	300 ft/coil	13.8	6.3	41	19	yes
125-10000300	5/8	.875	200	300 ft/coil	16.5	7.5	50	22	yes
125-12000300	3/4	1.030	150	300 ft/coil	21.9	9.9	66	30	yes
125-16000200	1	1.300	125	200 ft/coil	31.5	14.3	63	29	yes
125-20000100	1 1/4	1.625	100	100 ft/coil	45.0	20.4	45	20	yes
125-24000100	1 1/2	1.937	100	100 ft/coil	64.0	29.0	64	29	yes
125-32000100	2	2.490	75	100 ft/coil	95.0	43.1	95	43	yes

## Class 126 Nexbraid® HD – Food and Beverage Grade, Heavy Duty Thick Wall

Part No.	I.D.	O.D.	Max. WP PSI at 68F/20C**	Standard Package	APPROXIMATE WEIGHT				Stocked***
					Per 100 Feet Lbs	Per 100 Feet Kgs	Std. Package Lbs	Std. Package Kgs	
126-04000300	1/4	.500	350	300 ft/coil	8.0	3.6	24	11	yes
126-05000300	5/16	.562	275	300 ft/coil	9.3	4.2	28	13	no
126-06000300	3/8	.625	250	300 ft/coil	10.6	4.8	32	14	yes
126-08000300	1/2	.810	250	300 ft/coil	17.5	7.9	53	24	yes
126-10000200	5/8	.995	250	200 ft/coil	26.1	11.8	52	24	no
126-12000200	3/4	1.120	200	200 ft/coil	30.2	13.7	60	27	yes
126-16000200	1	1.370	150	200 ft/coil	39.0	17.7	78	35	yes
126-20000100	1 1/4	1.750	125	100 ft/coil	65.6	29.8	66	30	no
126-24000100	1 1/2	2.000	100	100 ft/coil	76.5	34.7	77	35	no

- Notes**
- \* All tube compound ingredients used in this hose are listed in the U.S. FDA CFR, Title 21. Hose NSF 51 listed. Compound USP Class VI rated.
  - \*\* Working pressures shown are at 68F/ 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.
  - \*\*\* Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose. Due to our process of continuous improvement, specifications are subject to change without notification.

# Nexbraid® PW Pure Water Hose



**Description** Potable and Pure Water Transfer Hose  
**Tube Compound** PVC Certified to NSF Standard 61  
**Reinforcement** Multiple Polyester Spirals  
**Cover** UV Resistant Opaque Blue Flexible PVC  
**Temp. Range** -13 to +150F / -25 to +65C \*



**Applications** Potable and pure water transfer, temporary municipal water supply connections, bottled water plants, collection of water for analysis.

**Features** • Glass smooth tube protects integrity of water - does not impart taste or odor • Thick walled, kink resistant, robust hose is 25% lighter than rubber hose • Very flexible and much easier to couple, install and remove than polyethylene pipe • Abrasion and UV resistant blue cover • Long one piece lengths • Suitable for de-ionized water • Opaque cover inhibits algae growth • Available with sunlight barrier layer

**Ratings** • Certification by NSF that the tube material conforms to the requirements of NSF Standard 61 for a maximum surface area to volume ratio of 200 square inches per litre • Tube compound is California Proposition 65 Compliant

## Class 128 Nexbraid® PW – Potable / Pure Water Transfer Hose

Part No.	I.D.	O.D.	Max. WP PSI at 68F / 20C*	Standard Package	Wgt. Per 100 Feet		Package Weight		Stocked**
					Lbs	Kgs	Lbs	Kgs	
128-10006200	5/8	.931	250	200 ft/coil	21.4	9.7	43	19	no
128-12006200	3/4	1.125	250	200 ft/coil	29.5	13.4	59	27	yes
128-12016300	3/4	1.030	150	300 ft/coil	21.5	9.8	65	29	no
128-16006200	1	1.375	200	200 ft/coil	38.3	17.4	77	35	yes
128-20006100	1 1/4	1.630	125	100 ft/coil	48.8	22.1	49	22	yes
128-24006100	1 1/2	1.960	100	100 ft/coil	70.5	32.0	71	32	no
128-32006100	2	2.490	75	100 ft/coil	96.7	43.9	97	44	yes

# Nexwire Vacuum Transfer Hose

**Description** Clear PVC Food and Beverage Grade Vacuum Transfer Hose  
**Tube & Cover** Clear Food Grade PVC  
**Reinforcement** Spiraled Wire Helix  
**Vacuum Rating** All sizes rated at 28" Hg  
**Temp. Range** +15 to +150F / -10C to +65C \*



**Applications** A "see through" flexible hose for use where full vacuum or collapse resistance is required. Suitable for use with most foodstuffs, cosmetics, beverages, lubricating oils, animal fats, and a wide range of chemicals. Suitable for wine suction and discharge.

**Cautionary Note** Class 140 Nexwire is not textile reinforced and should not be used in pressure applications at temperatures above 75F (25C).



## Class 140 Nexwire

Part No.	I.D.	O.D.	MAX. WP PSI at 68F / 20C*	STANDARD Package	WEIGHT PER 100 FEET		MINIMUM BEND RADIUS @ 68F Inches	Stocked **
					Lbs	Kgs		
140-06000100	3/8	.630	110	100 ft/coil	11.0	5.0	1.0	yes
140-08000100	1/2	.720	90	100 ft/coil	12.0	5.4	1.5	yes
140-10000100	5/8	.880	90	100 ft/coil	17.0	7.7	2.0	yes
140-12000100	3/4	1.060	75	100 ft/coil	24.0	10.9	2.0	yes
140-16000100	1	1.300	75	100 ft/coil	35.0	15.9	3.0	yes
140-20000100	1 1/4	1.620	60	100 ft/coil	44.0	20.0	3.5	yes
140-24000100	1 1/2	1.850	60	100 ft/coil	54.0	24.5	4.0	yes
140-32000100	2	2.360	60	100 ft/coil	85.0	38.5	5.0	yes
140-48000100	3	3.500	45	100 ft/coil	149.0	67.6	12.0	yes

**Notes** \* Working pressures shown are at 68F / 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.

\*\* Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose.

# Nexlo General Purpose Hose

- Description** General Industrial Service Air Hose
- Tube** Black PVC
- Reinforcement** 2 Polyester Spirals
- Cover** Red PVC. Also available in, yellow (2), blue (6), grey (7) and black (8) covers.
- Temp. Range** +25 to +150F / -5 to +65C \*
- Applications** Air and water lines, light vacuum, mold machine water cooling, water soluble chemical spray. Light wall hose available in 1/4 and 3/8 ID.  
Coupled assemblies available on special order.
- Ratings** Complies with RMA Class B Designation, Electrically Non-Conductive

SILICONE FREE



## Class 150 Nexlo Standard Duty Air Hose

Part No.	I.D.	O.D.	Max. WP PSI at 68F / 20C*	Standard Package	APPROXIMATE WEIGHT				Stocked**
					Per 100 Feet Lbs	Kgs	Std. Package Lbs	Kgs	
150-0400X501	1/4	.500	300	500 ft/reel	8.4	3.8	42	19	yes
150-0500X501	5/16	.562	300	500 ft/reel	9.8	4.4	49	22	yes
150-0600X501	3/8	.625	300	500 ft/reel	11.3	5.1	57	26	yes
150-0800X501	1/2	.750	300	500 ft/reel	14.4	6.5	72	33	yes
150-1000X401	5/8	.875	200	400 ft/reel	18.9	8.6	76	34	yes
150-1200X301	3/4	1.030	200	300 ft/reel	23.3	10.6	70	32	yes
150-1600X301	1	1.312	175	300 ft/reel	34.1	15.5	102	46	yes

To select the part number for a specific color, substitute the "X" with color number from the list below:  
Red = 4, Blue = 6, Yellow = 2, Grey = 7, Black = 8

# Nextrile Premium PVC Air Hose

- Description** Premium Low Temperature GP Air Hose
- Tube** Prime Black PVC
- Reinforcement** 2 Polyester Spirals
- Cover** Red PVC. Also available in, yellow (2) and blue (6).
- Temp. Range** -22 to +150F / -30C to +65C \*
- Features**
  - Designed to look and feel like rubber and remain flexible at lower temperatures
  - Lighter than rubber hose in the same dimensions
  - Cover is non-marking and resistant to UV and ozone attack
  - Supplied in long one piece lengths
- Applications** Excellent air tool hose, air and water lines, mold machine water cooling, water soluble chemical spray, low temperature and other outdoor air applications
- Ratings** Complies with RMA Class B Designation, Electrically Non-Conductive

SILICONE FREE



## Class 155 Nextrile – Premium Low Temperature General Purpose Air and Water Hose

Part No.	I.D.	O.D.	Max. WP PSI at 68F / 20C*	Standard Package	Wgt. Per 100 Feet		Package Weight		Stocked**
					Lbs	Kgs	Lbs	Kgs	
155-0400X501	1/4	.500	300	500 ft/reel	8.4	3.8	42	19	yes
155-0500X501	5/16	.625	300	500 ft/reel	13.0	5.9	65	30	yes
155-0600X501	3/8	.625	300	500 ft/reel	11.3	5.1	57	26	yes
155-0800X501	1/2	.775	300	500 ft/reel	15.7	7.1	79	36	yes
155-1000X401	5/8	.890	250	400 ft/reel	18.3	8.3	73	33	no
155-1200X301	3/4	1.080	250	300 ft/reel	26.9	12.2	81	37	yes
155-1600X301	1	1.350	200	300 ft/reel	36.3	16.5	109	49	yes

To select the part number for a specific color, substitute the "X" with color number from the list below:  
Red = 4, Yellow = 2, Blue = 6

- Notes** \* Working pressures shown are at 68F / 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.  
\*\* Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose.

# Nexlok Clampless Air Hose



- Description** Premium Clampless Air & Water Hose
- Tube** Prime Black Nitrile PVC Blend
- Reinforcement** Multiple Polyester Spirals
- Cover** Prime Black Nitrile PVC Blend
- Temp. Range** -22 to +150F / -30C to +65C (see Cautionary Note below)
- Features**
- Compatible for use with standard industry lock on fittings without clamps or ferrules
  - Complies with RMA Class B Designation for medium to high oil resistance • Lighter than rubber hose in the same dimensions • Electrically Non-Conductive • Due to our manufacturing process, no release agents like silicone are present
  - Cover is non-marking and resistant to UV and ozone attack • Supplied in long one piece lengths
- Applications** Excellent air tool hose, air and water lines, mold machine water cooling, water soluble chemical spray, low temperature and other outdoor air applications.
- Cautionary Note** Nexlok is a thermoplastic hose and *should not* be used without clamps at elevated temperatures. Actual working conditions tests should be conducted to determine suitability.

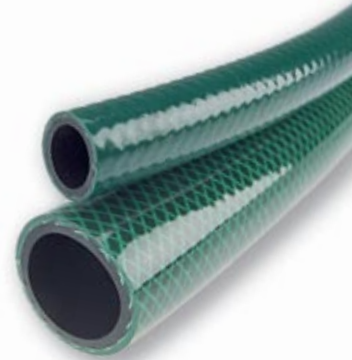


## Class 157 Premium Clampless Air and Water Hose

Part No.	I.D.	O.D.	Max. WP PSI at 68F/20C*	Standard Package	Wgt. Per 100 Feet		Package Weight		Stocked**
					Lbs	Kgs	Lbs	Kgs	
157-04008501	1/4	.500	200	500 ft/reel	8.4	3.8	42	19	yes
157-05008501	5/16	.562	200	500 ft/reel	9.8	4.4	49	22	no
157-06008501	3/8	.625	200	500 ft/reel	11.2	5.1	56	25	yes
157-08008501	1/2	.750	200	500 ft/reel	14.2	6.4	71	32	yes
157-10008501	5/8	.875	200	500 ft/reel	17.1	7.8	86	39	no
157-12008501	3/4	1.000	200	500 ft/reel	22.5	10.2	113	51	no

# Nexaqua Reinforced Water Hose

- Description** Commercial Grade PVC Water Hose
- Tube** Black PVC
- Reinforcement** 2 Polyester Spirals
- Cover** Class 160 – Opaque Green, Class 161 – Transparent Green
- Temp. Range** +25 to +150F / -5 to +65C \*
- Applications** Golf course, greenhouse hose, parks maintenance, contractors, industrial, irrigation  
*Coupled assemblies available.*



## Class 160 Nexaqua GRN – Opaque Green Cover

Part No.	I.D.	O.D.	Max. WP PSI at 68F/20C*	Standard Package	Wgt. Per 100 Feet		Package Weight		Stocked**
					Lbs	Kgs	Lbs	Kgs	
160-08005300	1/2	.700	150	300 ft/coil	10.8	4.9	32	15	yes
160-10005300	5/8	.825	125	300 ft/coil	13.1	5.9	39	18	yes
160-12005300	3/4	1.000	100	300 ft/coil	19.6	8.9	59	27	no
160-16005200	1	1.300	100	200 ft/coil	30.9	14.0	62	28	no

## Class 161 Nexaqua CLR – Transparent Green Cover

Part No.	I.D.	O.D.	Max. WP PSI at 68F/20C*	Standard Package	Wgt. Per 100 Feet		Package Weight		Stocked**
					Lbs	Kgs	Lbs	Kgs	
161-12005300	3/4	1.000	100	300 ft/coil	19.6	8.9	59	27	yes
161-16005200	1	1.300	100	200 ft/coil	30.9	14.0	62	28	yes

**Notes**

\* Working pressures shown are at 68F/ 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.

\*\* Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose. Due to our process of continuous improvement, specifications are subject to change without notification.

# Nexaqua Reinforced Marine Water Hose

- Description** Reinforced PVC Marine Drinking Water Hose
- Tube** Clear FDA\* PVC (Class 162 RT), White FDA\* PVC (Class 164 BT)
- Reinforcement** 2 Polyester Spirals
- Tracer Colors** Class 162: Red Tracer, Class 164: Blue Tracer
- Cover** Smooth Clear PVC
- Temp. Range** +25 to +150F / -5 to +65C \*\*
- Applications** Drinking water, marine water lines. Tracer yarns used for coding. Class 164 white tube inhibits algae growth.
- Ratings** Class 162 NSF 51 Listed to maximum temperature 180F (82C), FDA Ingredients\*  
RoHS Compliant

SILICONE FREE



## Class 162 Nexaqua RT Clear Tube & Cover, Red Spiral Tracer, NSF 51 Listed

Part No.	I.D.	O.D.	Max. WP PSI at 68F/20C**	Standard Package	APPROXIMATE WEIGHT				Stocked***
					Per 100 Feet Lbs	Per 100 Feet Kgs	Std. Package Lbs	Std. Package Kgs	
162-06000250	3/8	.565	150	250 ft/coil	7.7	3.5	19	9	yes
162-08000250	1/2	.705	150	250 ft/coil	10.3	4.7	26	12	yes
162-10000250	5/8	.835	125	250 ft/coil	12.9	5.9	32	15	yes
162-12000250	3/4	.980	100	250 ft/coil	16.8	7.6	42	19	yes
162-16000250	1	1.230	75	250 ft/coil	21.6	9.8	54	24	yes
162-18000100	1 1/8	1.375	75	100 ft/coil	26.6	12.1	27	12	yes

## Class 164 Nexaqua BT White Tube, Clear Cover, Blue Tracer

Part No.	I.D.	O.D.	Max. WP PSI at 68F/20C**	Standard Package	APPROXIMATE WEIGHT				Stocked***
					Per 100 Feet Lbs	Per 100 Feet Kgs	Std. Package Lbs	Std. Package Kgs	
164-06000250	3/8	.565	150	250 ft/coil	7.7	3.5	19	9	no
164-08000250	1/2	.705	150	250 ft/coil	10.4	4.7	26	12	yes
164-10000250	5/8	.825	125	250 ft/coil	12.4	5.6	31	14	yes
164-12000250	3/4	.950	100	250 ft/coil	14.6	6.6	37	17	yes

- Notes**
- \* All tube compound ingredients used are listed in the U.S. FDA CFR, Title 21. Class 162 hose NSF 51 listed. Compound USP Class VI rated.
  - \*\* Working pressures shown are at 68F/ 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.
  - \*\*\* Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose. Due to our process of continuous improvement, specifications are subject to change without notification.

# Nexspray U Reinforced Spray Hose

- Description** Turf, pesticide, herbicide applicator hose
- Tube** Urethane PVC blend, resistant to hydrocarbon based chemicals (diluted)
- Reinforcement** 4 Polyester Spirals
- Cover** PVC, horizontally ribbed to reduce drag and increase abrasion resistance
- Cover Colors** Class 202 Yellow, Class 203 Green
- Temp. Range** +25 to +150F / -5 to +65C \*
- Applications** Herbicide spray, pesticide application, tree spraying, crop spraying

SILICONE FREE



## Class 202 Nexspray U600, 600 PSI Ribbed Yellow

Part No.	I.D.	O.D.	Max. WP PSI at 68F / 20C*	Standard Package	APPROXIMATE WEIGHT				Stocked**
					Per 100 Feet Lbs	Per 100 Feet Kgs	Std. Package Lbs	Std. Package Kgs	
202-06002300	3/8	.655	600	300 ft/coil	12.7	5.8	38	17	yes
202-06002400	3/8	.655	600	400 ft/coil	12.7	5.8	51	23	yes
202-08002300	1/2	.840	600	300 ft/coil	20.1	9.1	60	27	yes
202-08002400	1/2	.840	600	400 ft/coil	20.1	9.1	80	36	yes
202-12002300	3/4	1.140	600	300 ft/coil	33.1	15.0	99	45	yes

## Class 203 Nexspray U800, 800 PSI Ribbed Green

Part No.	I.D.	O.D.	Max. WP PSI at 68F / 20C*	Standard Package	APPROXIMATE WEIGHT				Stocked**
					Per 100 Feet Lbs	Per 100 Feet Kgs	Std. Package Lbs	Std. Package Kgs	
203-06005300	3/8	.655	800	300 ft/coil	13.0	5.9	39	18	yes
203-08005300	1/2	.840	800	300 ft/coil	20.1	9.1	60	27	yes
203-10005300	5/8	.990	800	300 ft/coil	27.0	12.2	81	37	no
203-12005300	3/4	1.140	800	300 ft/coil	33.6	15.2	101	46	yes

# Nexspray Reinforced Spray Hose

- Description** Economical turf, pesticide, herbicide applicator hose
- Tube** PVC
- Reinforcement** 2 Polyester Spirals
- Working Pressure** 600 PSI at 68F (20C)\*
- Cover** Yellow or Green PVC, horizontally ribbed to reduce drag and increase abrasion resistance
- Temp. Range** +25 to +150F / -5 to +65C \*
- Applications** Herbicide spray, pesticide application, crop spraying. *Not recommended for use with hydrocarbon based spray solutions. See Nexspray U600.*

SILICONE FREE



## Class 268 Nexspray PVC Spray Hose, 600 PSI Ribbed Yellow (previously Class 200)

Part No.	I.D.	O.D.	Color	Standard Package	APPROXIMATE WEIGHT				Stocked**
					Per 100 Feet Lbs	Per 100 Feet Kgs	Std. Package Lbs	Std. Package Kgs	
268-06002300	3/8	.635	Yellow	300 ft/coil	11.6	5.3	35	16	yes
268-06002400	3/8	.635	Yellow	400 ft/coil	11.6	5.3	46	21	yes
268-06005300	3/8	.635	Green	300 ft/coil	11.6	5.3	35	16	yes
268-08002300	1/2	.790	Yellow	300 ft/coil	16.8	7.6	50	23	yes
268-08002400	1/2	.790	Yellow	400 ft/coil	16.8	7.6	67	30	yes
268-08005300	1/2	.790	Green	300 ft/coil	16.8	7.6	50	23	yes
268-08005400	1/2	.790	Green	400 ft/coil	16.8	7.6	67	30	yes

**Notes** \* Working pressures shown are at 68F / 20C. Higher temperatures reduce the available working pressure. Contact factory for guideline. Proper coupling procedures must be used to safely obtain working pressures. Screw on reusable couplings and hydraulic couplings are not recommended. Use of these couplings will void the warranty.

\*\* Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose.

# Nexva EVA Hose

- Description** Semi-translucent hose with white braid pattern reinforcement
- Tube and Cover** Natural Ethyl Vinyl Acetate (EVA)
- Reinforcement** 2 Polyester Spirals
- Temp. Range** -50 to +125F / -45 to +52C \*
- Applications** Herbicide, pesticide and anhydrous ammonia applicator hose, vacuum line, sight gauge, lawn spray, water supply, chemical transfer, seed insertion.

SILICONE FREE



## Class 450 Nexva 12 Reinforced EVA Hose

Part No.	I.D.	O.D.	Max. WP PSI at 68F / 20C*	Standard Package	Wgt. Per 100 Feet		Package Weight		Stocked**
					Lbs	Kgs	Lbs	Kgs	
450-06000300	3/8	.595	250	300 ft/coil	7.0	3.2	21	10	yes
450-08000300	1/2	.720	250	300 ft/coil	8.9	4.0	27	12	yes
450-10000300	5/8	.845	200	300 ft/coil	10.8	4.9	32	15	yes
450-12000300	3/4	.970	150	300 ft/coil	13.0	5.9	39	18	yes
450-16000200	1	1.310	150	200 ft/coil	24.4	11.1	49	22	yes

# Nexsyn H61 TPV Water Hose

- Description** Nexsyn H61 TPV Hose is extruded to close tolerances using specially designed thermo-plastic vulcanizates that perform like EPDM rubber. This highly durable hose is resistant to flex fatigue, ozone, UV, water, and Nexsyn H61 has excellent resistance to a wide range of chemicals including acids and alkalis. The mechanical and recovery properties are comparable to most vulcanized elastomers and superior to most thermoplastic elastomers. Nexsyn H61 will handle higher operating temperatures than PVC hose. Nexsyn H61 TPV Hose is 25%–35% lighter than PVC and rubber hose in the same dimensions.
- Tube** EPDM TPV (see certification notes below)
- Reinforcement** 2 Polyester Spirals
- Cover** Opaque Grey EPDM TPV
- Temp. Range** -75 to 180F / -60 to 82C\*
- Applications** Potable and pure water transfer, beverage transfer, dishwasher supply hose, temporary municipal water connections, bottled water plants, marine drinking water lines.
- Features**
  - Hose is very flexible and lightweight
  - Hose maintains flexibility at cold temperatures
  - Long one piece lengths
  - Suitable for de-ionized water
  - Opaque cover inhibits algae growth
- Certification**
  - Tube material NSF 61 and NSF 51 listed
  - All ingredients in the tube compound are listed in the US FDA CFR, Title 21
  - RoHS Compliant
  - EU Directive 2003/11/EC Compliant

SILICONE FREE



## Class 715 Nexsyn H61 TPV Water Hose

Part No.	I.D.	O.D.	Max. WP PSI at 68F / 20C*	Standard Package	APPROXIMATE WEIGHT		Std. Package Lbs	Std. Package Kgs	Stocked**
					Per 100 Feet Lbs	Per 100 Feet Kgs			
715-06007300	3/8	.625	200	300 ft/coil	8.9	4.0	27	12	yes
715-08007300	1/2	.750	200	300 ft/coil	11.2	5.1	34	15	yes
715-10007300	5/8	.875	200	300 ft/coil	13.1	6.0	39	18	yes

**Notes** \* Working pressures shown are at 68F / 20C. Higher temperatures reduce the available working pressure. See temperature/pressure chart.  
 \*\* Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose. Due to our process of continuous improvement, specifications are subject to change without notification.

# Nexwrap Spiral Wrap Chafe Guard



**Description** Plastic spiral wrap/harness tubing  
**Temp. Range** -50 to +140F / -45 to +60C  
**Applications** Wire harness, hose bundling, tubing bundling, hose chafe guard, resin infusion (fibreglass manufacturing)

- Features**
- Enables flexible routing of wire/hose/cable harnesses
  - Allows hose, wire, cable to leave the bundle at any point in the harness
  - Individual items can be removed or replaced easily
  - Provides cost effective abrasion resistance
  - Installs easily without removing end terminals or couplings
  - Excellent chemical resistance
  - Custom colors available on special order for bundle identification

SILICONE FREE

## Class 475 Nexwrap Natural (white)

Part No.	Nom. Dia.	Wall Thickness	RECOMMENDED HARNESS DIA. IN.		Standard Package	APPROXIMATE WEIGHT				Stocked *
			Min.	Max.		Per 100 Feet Lbs	Per 100 Feet Kgs	Standard Package Lbs	Standard Package Kgs	
475-06000704	3/8	.062	3/16	1	1000 ft/spl	2.4	1.1	24	11	yes
475-08000504	1/2	.062	5/16	1 1/2	500 ft/spl	3.5	1.6	18	8	yes
475-12000501	3/4	.062	1/2	1 1/2	500 ft/reel	7.1	3.2	36	16	yes
475-16000401	1	.125	3/4	2	400 ft/reel	14.0	6.3	56	25	no

## Class 475 Nexwrap Black

Part No.	Nom. Dia.	Wall Thickness	RECOMMENDED HARNESS DIA. IN.		Standard Package	APPROXIMATE WEIGHT				Stocked *
			Min.	Max.		Per 100 Feet Lbs	Per 100 Feet Kgs	Standard Package Lbs	Standard Package Kgs	
475-06008704	3/8	.062	3/16	1	1000 ft/spl	2.4	1.1	24	11	yes
475-08008504	1/2	.062	5/16	1 1/2	500 ft/spl	3.5	1.6	18	8	yes
475-12008501	3/4	.062	1/2	1 1/2	500 ft/reel	7.1	3.2	36	16	yes
475-16008401	1	.125	3/4	2	400 ft/reel	14.0	6.3	56	25	yes

# Nexshear Hose and Tubing Cutter

**Description** Durable but light scissor type cutting tool for use on all Nexgen hose and tubing. The Nexshear cutter enables the user to make a square cut allowing for proper fitting/coupling installation. Blade is stainless steel and replaceable.



Part No.	Description	APPROX. WEIGHT EACH		Stocked **
		Lbs	Kgs	
401-9900	Nexshear Cutter	.25	.12	yes
401-9901	Replacement Blade	.06	.03	yes

**Notes** \* Minimum quantity guideline applies for non-stock items. Other sizes, colors and lengths are available on request. Contact Nexgen Hose. Due to our process of continuous improvement, specifications are subject to change without notification.

## MAKE-TO-ORDER PRODUCTS NOT SHOWN IN OUR CATALOG

- FEP, PFA, THV, MFA, PVDF Tubing
- UL92 Fire Extinguisher Hose
- Beverage Hose, Tubing, and Bundles
- Flame Retardant Tubing
- Reinforced Silicone Hose
- Federal Spec Hose AA-59270, AA-59565, AA-59567
- Parallel Welded Multiple Hose and Tubing Ribbons
- Bundled Hose and Tubing
- Conductive Hose and Tubing
- Reinforced Urethane Hose

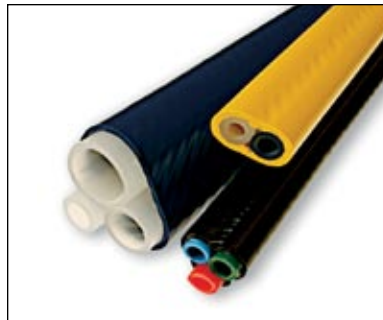
## CUSTOM DESIGN AND MANUFACTURE

In addition to our standard and make-to-order product offerings, Nexgen Hose Inc. is capable of custom hose / tubing design and produced to customer specifications.

- **Size Ranges** Tubing: 1/16" I.D. to 3" I.D.
- **Reinforced Hose** 1/8" I.D. to 2" I.D.
- **Special Lengths** Nexgen custom length capability ranges from 3/4" to 25,000 feet. For example, 1/2" I.D. tubing can be produced in continuous lengths up to 10,000 feet, and 1 1/4" I.D. hose can be produced in continuous lengths up to 1,500 feet.
- **Polymers Processed** PVC, EPDM TPV, Polyethylene, EVA, Nylon, TPE, Polyester, THV, Nitrile PVC, Urethane, Polyolefin Elastomer (POE), MPR (Melt Processable Rubber)



Nexpoly tubing bundle



Nylon and LLDPE tubing bundles



Insulated Nexflo tubing bundle



Nexbraid® hose bundle with control wires



Nexsyn tubing, rubber hose bundle

# Custom Inquiries



Nexbraid, Nexcol, Nexspray ribbons



Welded hose ribbons



Custom formed hose



Custom formed hose



Hose and tubing with communication wires

## CUSTOM HOSE OR TUBE INQUIRY

**We welcome your inquiries on custom hose and tubing. Please advise your requirements by answering the following:**

Application: \_\_\_\_\_

Product to be transferred: \_\_\_\_\_

Product temperature: \_\_\_\_\_ Ambient Temperature: \_\_\_\_\_

Concentration: \_\_\_\_\_ Working Pressure: \_\_\_\_\_

Suction or Discharge: \_\_\_\_\_ Min. Bend Radius: \_\_\_\_\_

Inside Diameter: \_\_\_\_\_ Outside Diameter: \_\_\_\_\_

Min. Tube Thickness: \_\_\_\_\_ Min. Cover Thickness: \_\_\_\_\_

Dimensional Tolerances: • I.D. + \_\_\_\_\_ - \_\_\_\_\_ • O.D. + \_\_\_\_\_ - \_\_\_\_\_ • Wall + \_\_\_\_\_ - \_\_\_\_\_

Tube Color: \_\_\_\_\_ Cover Color: \_\_\_\_\_

Lengths: \_\_\_\_\_ Quantity: \_\_\_\_\_

Other Requirements: \_\_\_\_\_

Target Price: \_\_\_\_\_

**PLEASE FAX TO: 519-787-2226**

## MINIMUM PRODUCTION FOR CUSTOM PRODUCTS

The following table should be used as a guideline for minimum quantity production runs when custom or non-stock products are being considered. These quantities allow for an acceptable set up cost absorption and therefore a reasonable unit cost. Smaller quantities can be produced but the unit costs will increase substantially.

### All Hose & Tubing except LLDPE

Approximate ID Size	Quantity
1/8–3/16 inch	15,000 feet
1/4–3/4 inch	10,000 feet
1 inch	5,000 feet
1-1/4–1-1/2 inch	3,000 feet
2 inch	2,000 feet

### LLDPE Tubing

Approximate ID Size	Quantity
1/8 – 3/16 inch	25,000 feet
1/4 – 3/8 inch	15,000 feet
1/2 inch	10,000 feet
5/8 – 3/4 inch	7,000 feet
1 inch	5,000 feet

### Multiple Line Products, Bundled, Thermal Welded, or Bead Welded

The minimum quantity requirements on these products are dependent upon the complexity of the finished product, and will be determined on an individual basis. Typically a minimum of 2,500 feet should be considered.

## Nexgen Information Bulletin

## CHEMICAL RESISTANCE GUIDELINES

As a designer and manufacturer of hose and tubing, Nexgen is using many of the new polymer compounds developed to resist deterioration when exposed to the wide range of chemicals used commercially. The resistance to chemical attack is based on many factors including temperature, exposure to UV, pressure, chemical concentration, duration of exposure, intermittent or constant exposure, and the velocity of the solution. For these reasons the following table should be used as a guideline only. In all cases, the product should be tested in a controlled, secure and safe setting prior to use. No guarantee is expressed or implied by Nexgen Hose Inc.

Polymer	Strong Acids	Weak Acids	Aliphatics	Strong Alkalies	Weak Alkalies	Aromatics	Esters	Ketones
LLD PE	F	G	F	G	G	F	U	F
POE	F	G	F	G	G	U	U	U
PU Ester	U	U	E	U	F	F	U	U
PU Ether	U	U	E	U	F	F	U	U
TPV	E	E	F	E	E	U	ND	U
PVC	G	E	G	E	G	U	U	U

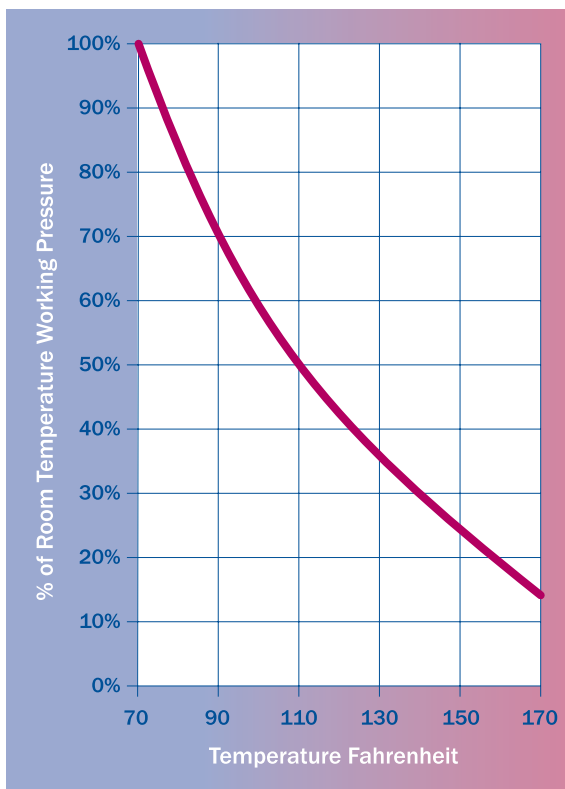
Legend: E = Excellent G = Good F = Fair U = Unsatisfactory ND = No Data

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described.

## EFFECTS OF ELEVATED TEMPERATURES ON THERMOPLASTIC HOSE

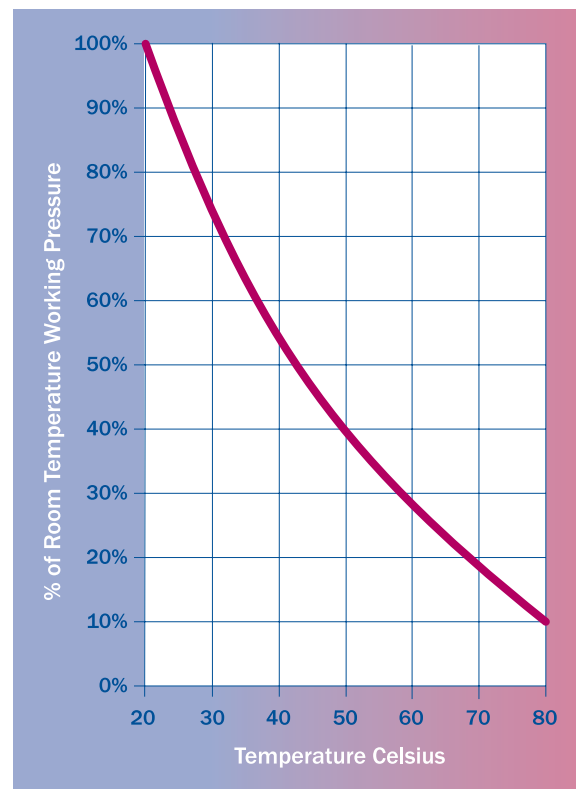
The compounds used in hose and tubing made by Nexgen Hose are generally referred to as thermoplastics. These materials achieve their optimum physical properties at room temperature, 68F (20C). As these materials are exposed to increased ambient temperatures, they will soften and their physical properties will change. In hose and tubing this will have the effect of sharply reducing the available working pressure. Coupling retention will also be reduced. The charts below illustrate this effect. In all cases, the product should be tested in a controlled, secure and safe environment, and all operating conditions should be considered prior to use.

**All published working pressures of Nexgen hose and tubing are based on a room temperature of 68F (20C).**



### Example from the Fahrenheit Chart

If Working Pressure at 68F is 200 PSI, then the WP at 110F is  $200 \times 50\%$ , or 100 PSI



### Example from the Celsius Chart

If Working Pressure at 20C is 14 bar, then the WP at 50C is  $14 \times 50\%$ , or 5.6 bar

### Cautionary Note

The charts are to be used as a guideline only. The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable, but no guarantee of their accuracy is made. All products are sold upon the condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses, and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations.



ISO 9001-2000

**HEAD OFFICE,  
FACTORY, WAREHOUSE**

**NEXGEN HOSE INC.**

**PHONE** 519-787-0001

**FAX** 519-787-2226

**TOLL-FREE** (US AND CANADA)  
888-283-1165

**ADDRESS** P.O. Box 9  
925 Glengarry Crescent  
Fergus, ON, N1M 2W7, Canada

**WEB** www.nexgenhose.com

**SALES OFFICES AND  
WAREHOUSE LOCATIONS**

**WARCO**

**PHONE** 877-472-7748

**FAX** 800-300-4940

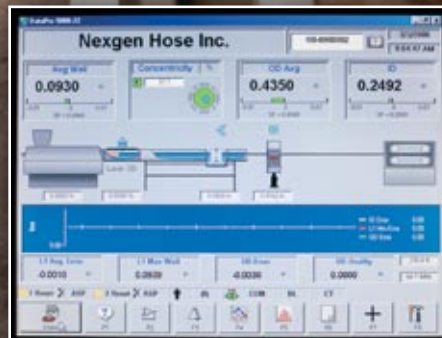
**ADDRESS** 1021 Dillard Drive  
Forest, Virginia, 24551, USA

**WEB** www.warco.com



**AUTHORIZED DISTRIBUTOR  
OF NEXGEN HOSE INC.**

**PRODUCTS:**



SUGGESTED RETAIL PRICE: \$5.00

**Clockwise from top left: sonic and laser measurement and microprocessor control,  
measuring microscope, finished goods inventory.**