



# NATIONWIDE PLASTICS, INC.

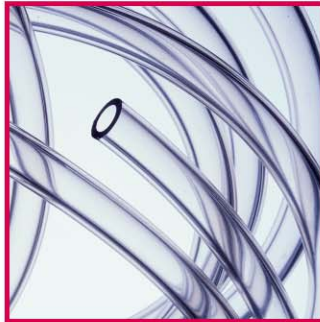
The Authority on Plastics Manufacturing and Distribution



E X C E L L O N

## RNT<sup>®</sup>

### Clear Flexible PVC Tubing



#### Physical Properties\*\*

Hardness, Shore A  
Tensile Strength, psi  
Elongation at Break, %  
Brittle Temperature, °F  
Specific Gravity

RNT  
68  
2000  
400  
-41  
1.20

\*\* Values listed are typical and are meant only as a guide to aid in design.  
Field testing should be performed to find the actual values for your application.

#### RNT

ID	OD	SIZE NO.	WALL	LBS./FT.	MAX.WKG. PSI AT 68° F	STD. LENGTHS	PART NO.
1/16	1/8	S1A	1/32	0.00475	33	500	419017
3/32	5/32	S1B	1/32	0.00632	42	500	419018
0.120	0.170	1	0.025	0.00584	15	200	4101
1/8	3/16	S2	1/32	0.01409	44	500	41902
1/8	1/4	2	1/16	0.02518	68	50,100,500	4102
5/32	7/32	S3	1/32	0.01914	38	500	41903
5/32	11/32	S3B	3/32	0.04739	73	100	419037
0.170	1/4	S3C	0.040	0.01353	42	100	419038
3/16	5/16	3	1/16	0.02512	55	50,100,500	4103
3/16	1/4	S4	1/32	0.01109	33	100	41904
3/16	3/8	4	3/32	0.04256	70	100	4104
3/16	7/16	5	1/8	0.06284	80	50,100	4105
1/4	3/8	6	1/16	0.03147	55	50,100,500	4106
1/4	7/16	7	3/32	0.05175	60	50,100	4107
1/4	1/2	8	1/8	0.07553	70	50,100	4108
5/16	7/16	9	1/16	0.03771	50	50,100,500	4109
5/16	1/2	10	3/32	0.06149	60	100	4110
5/16	9/16	11	1/8	0.08801	70	50,100	4111
3/8	1/2	12	1/16	0.04406	40	50,100,500	4112
3/8	3/4	S12	3/16	0.16993	66	100	41912
3/8	7/8	S12A	1/4	0.25175	76	100	419127
3/8	9/16	13	3/32	0.07058	50	50,100	4113
3/8	5/8	14	1/8	0.10070	65	50,100	4114
7/16	9/16	15	1/16	0.05030	40	100	4115
7/16	5/8	16	3/32	0.08042	45	100	4116
7/16	11/16	17	1/8	0.11490	50	100	4117

- AIR LINES • BEVERAGE/BOTTLING AND SERVICE • BLOOD PRESSURE MACHINES • CHEMICAL APPLICATIONS • CHEMICAL PROCESSING
- CHEMICAL ANALYSIS EQUIPMENT • CITRUS PROCESSING • DENTAL CONSOLES • DRAIN LINES • FILLING SYSTEMS • FOOD HANDLING AND DISPENSING • FOOD PROCESSING • FRAGRANCES • ICE MACHINES
- ICE CREAM • INDUSTRIAL GAS • JANITORIAL CHEMICAL DISPENSERS
- LABORATORY SET-UPS • MEASUREMENT DEVICES • MEDICAL DISPOSABLES
- MILK HANDLING/PROCESSING • OXYGEN LINES • PERISTALTIC PUMPING
- PHARMACEUTICAL PRODUCTION • PHOTOPROCESSING • PUMPING SYSTEMS
- REFRIGERATION • ROBOTICS • SIGHT GAUGES • SYRUPS AND FLAVORS
- TANK TO TANK TRANSFER • TESTING EQUIPMENT • VACUUM LINES
- VENDING MACHINES • WATER LINES • AND MORE

- Clear material, with a dense, smooth bore
- Resistant to oxidation, chemicals and bacteria
- Chemical or thermal bonding
- Can be gas or radiation sterilized
- Extreme flexibility permits easy set-ups
- Available in transparent or opaque colors
- Flushes clean with most conventional cleaners and sanitizers
- Can be used with a variety of fittings: radiator clamp or barbed type
- Available in cut-to-size lengths

RNT conforms to critical industry standards, having been approved by FDA, USDA, USP Class VI, NSF, 3A and UL.

RNT's purity, performance and reliability make it the material of choice when handling liquids, gases and semi-liquids.



**Thermoplastic Processes**  
ATPI Partners Corporation

1268 Valley Road  
Stirling, NJ 07980-0188  
Ph: (888) 554-6400 • (908) 561-3000  
Fax: (800) 874-3291 • (908) 753-6749  
www.thermoplasticprocesses.com

August 2004 • TPI-19

Dallas, Texas (Corporate Offices)  
Houston, Texas  
Brandon, Mississippi

phone 800-782-1836 / 214-239-3870  
phone 800-282-4388 / 713-979-0660  
phone 800-457-8623 / 601-825-7919

fax 214-239-3871  
fax 713-979-0664  
fax 601-825-7109

[www.nationwideplastics.net](http://www.nationwideplastics.net)

January 1, 2007 - Version 3.0



# NATIONWIDE PLASTICS, INC.

The Authority on Plastics Manufacturing and Distribution



E X C E L O N

## RNT<sup>®</sup>

Clear Flexible PVC Tubing

### RNT

ID	OD	SIZE NO.	WALL	LBS./FT.	MAX.WKG. PSI AT 68 F	STD. LENGTHS	PART NO.
1/2	5/8	18	1/16	0.05664	30	50,100	4118
1/2	7/8	S18	3/16	0.20769	57	100	41918
1/2	1	S18A	1/4	0.30210	66	100	419187
1/2	1 1/16	19	3/32	0.08941	40	50,100	4119
1/2	3/4	20	1/8	0.12588	45	50,100	4120
1/2	13/16	21	5/32	0.16700	65	100	4121
9/16	3/4	22	3/32	0.09935	40	100	4122
9/16	13/16	23	1/8	0.13836	45	100	4123
5/8	3/4	24A	1/16	0.06923	20	100	41247
5/8	13/16	25	3/32	0.10824	35	50,100	4125
5/8	1	S25	3/16	0.24546	60	100	41925
5/8	7/8	26	1/8	0.15105	40	50,100	4126
5/8	15/16	27	5/32	0.19630	50	100	4127
11/16	7/8	28	3/32	0.11828	30	100	4128
11/16	15/16	29	1/8	0.16354	35	100	4129*
11/16	1	30	5/32	0.21269	40	100	4130
3/4	1	31	1/8	0.17623	35	50,100	4131
3/4	7/8	S31	1/16	0.08182	19	100	41931
3/4	1-1/4	S31B	1/4	0.40280	44	100	419318
3/4	1-1/8	S31C	3/16	0.28322	44	100	419319
3/4	1-1/16	32	5/32	0.22772	40	100	4132
7/8	1-1/4	S32	3/16	0.32098	40	100	41932
7/8	1-1/8	33	1/8	0.20140	30	50,100	4133
7/8	1-3/16	34	5/32	0.25914	35	100	4134
1-1/8	1-5/16	S34	3/32	0.18356	19	100	41934
1-1/8	1-3/8	S34A	1/8	0.25175	24	50,100	419347
1	1-1/4	35	1/8	0.22658	28	50,100	4135
1	1-5/16	36	5/32	0.29056	32	100	4136
1	1-3/8	37	3/16	0.35874	45	50,100	4137
1	1-1/2	38	1/4	0.50350	50	50,100	4138
1-1/4	1-7/16	39	3/32	0.20590	30	50	4139
1-1/4	1-1/2	S39	1/8	0.27693	22	50,100	41939
1-1/4	1-5/8	S39A	3/16	0.43427	31	50,100	419397
1-3/8	1-3/4	S39B	3/16	0.47203	28	50	419398
1-1/4	1-3/4	40	1/4	0.60420	45	50	4140
1-1/2	1-7/8	S41	3/16	0.50979	26	50,100	41941
1-1/2	1-3/4	S41A	1/8	0.32728	19	50,100	419414
1-1/2	2	41	1/4	0.70490	40	50	4141
1-3/4	2-1/4	S41E	1/4	0.80560	29	50	419417
1-3/4	2	S41F	1/8	0.37763	16	50	419418
2	2-1/4	S42	1/8	0.42798	14	50	41942
2	2-1/2	42	1/4	0.90630	35	50	4142
2	2-3/4	S42A	3/8	1.43498	36	50	419421
2	2-3/8	S43	3/16	0.66084	20	50	41943
2-1/4	2-3/4	43	1/4	1.00700	24	50	4143
2-1/2	3	44	1/4	1.10770	22	50	4144
3	3-1/2	45	1/4	1.30910	19	50	4145
3-1/2	4	47	1/4	1.51050	16	50	4147
4	4-3/4	49	3/8	2.64338	21	50	4149

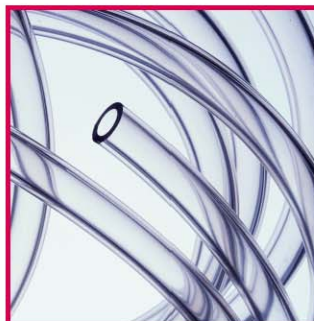
Special order and custom runs available.  
Product samples are available upon request.



**TUBE SNIP CUTTER**  
Part No: 39000

The Excelon Tube Snip Cutter easily makes clean, smooth cuts and works well with RNT clear PVC tubing.

Also available, Excelon Tube Snip Cutter Replacement Blades (Part No: 38000).



**Thermoplastic Processes, Inc.**  
1268 Valley Road  
Stirling, NJ 07980-0188  
Ph: (888) 554-6400 • (908) 561-3000  
Fax: (800) 874-3291 • (908) 753-6749  
www.thermoplasticprocesses.com

Dallas, Texas (Corporate Offices)  
Houston, Texas  
Brandon, Mississippi

phone 800-782-1836 / 214-239-3870  
phone 800-282-4388 / 713-979-0660  
phone 800-457-8623 / 601-825-7919

fax 214-239-3871  
fax 713-979-0664  
fax 601-825-7109

[www.nationwideplastics.net](http://www.nationwideplastics.net)

January 1, 2007 - Version 3.0