



RANDOLPH AUSTIN COMPANY

## Vytex™

**Vytex™** a clear flexible polyvinyl tubing ideal for general purpose usage with dilute aqueous solutions, both acids and alkalis. **Vytex™** is suitable for food and beverage applications. The smooth inner diameter allows for easy flushing and clean up. Strong acid solutions may be used with for short intervals, but the tubing should be flushed with water after use. **Vytex™** is a durable, high flex tubing with a Shore "A" durometer of 60 allowing a long-life expectancy for continuous flexing where peristaltic pumps are used. This provides outstanding flow characteristics. Available in 25', 50' and 250' for stock sizes

### Agency Ratings

- RoHS Compliant, EU Dir. 2015/863/EU
- Compliant to California Prop 65
- Non-Phthalate Formulation
- Ethylene Oxide Sterilization
- Gamma Ray Sterilization

Property	Test Method	Typical Values
Specific Gravity	ASTM D792	1.18
Ultimate Tensile (psi)	ASTM D412	1950
Ultimate Elongation	ASTM D412	450%
100% Modulus (psi)	ASTM D412	500
Hardness Shore "A"	ISO 868	60
Compression Set 158 F°, 22 Hr.	ASTM D395B	-
Brittleness Temperature (F°)	ASTM D746	-52°
Recommended Working Temp. (F°)	-	-22° to 165°

Randolph Austin Company • 2119 FM 1626 • Manchaca, TX 78652 • Tel. 512-282-1590

Vytex™ is a trademark of Randolph Austin Company • File Name Vytex091418



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## Available Stock Sizes

Catalog No.	I.D.	O.D.	Wall	Pump	Grams / Foot	Burst PSI**
PC030015	.031"	.156"	.063"		4.3	
PC006018	.063"	.188"	.063"	250	5.7	
PC006021	.063"	.218"	.078"		8.0	
PC012025	.125"	.250"	.063"	250	8.5	
PC012037	.125"	.375"	.125"		22.1	
PC018031	.188"	.312"	.063"		11.4	
PC018037	.188"	.375"	.094"	500	19.2	202**
PC025037	.250"	.375"	.063"		14.2	
PC025043	.250"	.438"	.094"	300 / 400 / 500	23.5	162**
PC025050	.250"	.500"	.125"		34.2	
PC031043	.313"	.438"	.063"		17.1	
PC031050	.313"	.500"	.063"		27.8	
PC037050	.375"	.500"	.063"		20.0	
PC037056*	.375"	.563"	.094"		32.1	
PC037062	.375"	.625"	.125"	610 / 615 / 620 / 630	45.6	149**
PC037087*	.375"	.875"	.250"		114.0	
PC043056*	.438"	.563"	.063"		22.8	
PC050062	.500"	.625"	.063"		25.6	
PC050068*	.500"	.688"	.094"		37.5	
PC050075	.500"	.750"	.125"	610 / 615 / 620 / 630	57.0	119**
PC050087*	.500"	.875"	.188"	780 / 782 / 783	94.0	
PC062081*	.625"	.813"	.094"		49.1	
PC062087	.625"	.875"	.125"		68.4	
PC062093	.625"	.938"	.156"	750 / 780 / 782 / 783	89.0	105**
PC062100*	.625"	1.00"	.188"	780 / 782 / 783	111.1	
PC075100	.750"	1.00"	.125"		79.8	
PC075106	.750"	1.063"	.156"	750 / 780 / 782 / 783	103.2	116**
PC075112	.750"	1.125"	.188"	780 / 782 / 783	128.2	
PC075125	.750"	1.250"	.250"	880	182.3	
PC100125	1.00"	1.250"	.125"		102.5	
PC100137	1.00"	1.375"	.188"		162.3	
PC100150	1.00"	1.500"	.250"	880	227.9	

\*Indicates tubing that is not held in stock. Minimums may apply. Please inquire regarding availability.

\*\* Working Pressure for tubing must consider the temperature, working conditions and fluid being transferred. Burst pressure values are provided as a guide to customers and no guarantee is implied or given.

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