



RANDOLPH AUSTIN COMPANY

Povinal™

Povinal™ is a polyvinyl alcohol-based tubing which is excellent for use in applications with aliphatic, aromatic, and chlorinated hydrocarbon solvents. Povinal™ has good flex fatigue resistance and is suitable for many industrial applications. It may be used as a substitute for fluoroelastomer polymers in some applications. Not recommended for use with water or solutions containing concentrations of water. Available in lengths up to 500 feet. Pump tubing is green in color. Transfer tubing is amber, call for availability of transfer tubing.

Features/Ratings

- RoHS Compliant
- Reach Compliant

Property	Test Method	Typical Values
Specific Gravity	ASTM D792	1.01
Ultimate Tensile (psi)	ASTM D412	928
Ultimate Elongation	ASTM D412	374
100% Modulus (psi)	ASTM D412	386
Hardness Shore "A"	ISO 868	65
Compression Set 158 F°, 22 Hr.	ASTM D395B	20
Brittleness Temperature (F°)	ASTM D746	
Recommended Working Temp. (F°)	-	

Available Stock Sizes

Catalog No.	I.D.	O.D.	Wall	Pump	Grams / Foot	Working PSI
PA006018	0.063	0.188	0.063	250	6.28	47.0
PA012025	0.125	0.250	0.063	250	9.42	27.0
PA018025	0.186	0.250	0.028		5.61	10.3
PA018031	0.187	0.312	0.063		12.53	19.6
PA018037	0.188	0.375	0.094	300/500	21.19	27.0
PA025031	0.250	0.312	0.035		7.00	9.7
PA025037	0.250	0.375	0.063			
PA025043	0.250	0.438	0.094	300/500	25.90	21.4
PA031037	0.312	0.375	0.040		8.70	9.1
PA037046	0.375	0.469	0.048		15.94	9.1
PA037050	0.375	0.500	0.063		21.98	19.5
PA037062	0.375	0.625	0.125	610	50.23	19.5

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PA050062	0.500	0.625	0.062		28.26	8.8
PA050075	0.500	0.750	0.125	610	62.79	15.5
PA062075	0.625	0.750	0.063		34.53	7.5
PA062093	0.625	0.938	0.156	750	98.11	15.5
PA075093	0.750	0.938	0.085		63.76	8.2
PA075106	0.750	1.063	0.156	750	114.02	13.4
PA075112	0.750	1.125	0.187		141.28	15.5
PA075125	0.750	1.250	0.250	880	200.93	19.5
PA100150	1.000	1.500	0.250	880	251.16	15.5
PA100118	1.000	1.187	0.095		82.17	7.1
PA125143	1.250	1.437	0.100		100.96	6.2
PA150168	1.500	1.687	0.100		119.75	5.4

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