

## POVINAL™

(Use for solvents and fuels)

**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 teal in color. Transfer tubing is amber. Refer to the chart below for sizes and catalog-numbers.

### PHYSICAL PROPERTIES

Property	ASTM Test Method	Typical Values
Specific Gravity	D-792	1.01
Tensile Strength(psi)	D-412	928
Ultimate Elongation (%)	D-412	374
Hardness(Shore 'A' Scale +/- 2)	D-2240	65
Normal Working Temperature (F)		(15° to 125°)
Tensile set @ 100%	D-412	11.9%
100% Modulus (psi)	D-412	386
Compression set(%)	D-395B	20
Tear Strength(lbs per inch)	D-624	103

CAT. NO.	SIZE			PUMP		WORK PSI	PRICE PER FOOT				
	I.D.	O.D.	WALL	TYPE	WT/FT		50 FT 1-49 COIL	100 FT COIL(S)	250 FT coil/reel	500 FT REEL	1000 FT REEL
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					
PA018037	0.188	0.375	0.094	300/500	21.19	27.0					
PA025031	0.250	0.312	0.035		7.00	9.7					
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					
PA037062	0.375	0.625	0.125	610	50.23	19.5					
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					
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					

**Call 1-800-531-5263  
for pricing.**