

# ARK Polyurethane Tubing (PU) & Recoil Hose

**Polyurethane Tubing** is fast becoming an idea choice for pneumatic applications. It combines the elasticity of rubber with the chemical resistance normally reserved for plastics. Polyurethane Tubing is a flexible, kink resistant and abrasion resistant tube commonly used in pneumatic control systems. It is easy to assemble on to fittings and has excellent hydrolytic stability. Polyurethane Tubes are available in variety of colors and features. **Polyurethane recoil hoses** possess outstanding memory, a soft feel and superior flexibility. These coils are extraordinary tough and resistant to abrasion, over stretching, kinking and repeated flexing they allow easy and safe operation of pneumatic equipments.



## Type of Pneumatic Tubing

<b>PNEUMATIC PU TUBINGS</b>
<b>HYDROLYSIS RESISTANT</b>
<b>ANTI STATIC</b>
<b>ANTI SPARK</b>
<b>FOOD GRADE AND CHEMICAL RESISTANT</b>

TECHNICAL SPECIFICATIONS	
<b>Operating fluids</b>	Compressed air, water, gases, welding gases, beverages, chemicals
<b>Shore Hardness:</b>	98A
<b>Applicable fittings</b>	One touch fitting
<b>Operating temperature</b>	-20 degree to 60 degree
<b>Max operating pressure</b>	10 kg/cm2

**ARK Polyurethane Tubes are suitable for Pneumatic Machines and high pressure applications, they are resistant to hydrolysis, ozone and can withstand higher temperatures and humid atmosphere**

CODE										
	OD		ID		WP		BP		Min	
	Inch	Mm	Inch	Mm	Psi	Bar	Psi	Bar	Inch	mm
<b>PU01</b>	0.157	4	0.098	2.5	213	15	1067	75	0.393	10
<b>PU02</b>	0.236	6	0.157	4	142	10	711	50	0.787	20
<b>PU03</b>	0.314	8	0.196	5	142	10	711	50	1.181	30
<b>PU04</b>	0.314	8	0.216	5.5	128	9	640	45	1.181	30
<b>PU05</b>	0.314	8	0.236	6	114	8	569	40	1.377	35
<b>PU06</b>	0.393	10	0.255	6.5	142	10	711	50	1.377	35
<b>PU07</b>	0.393	10	0.314	8	100	7	498	35	1.968	50
<b>PU08</b>	0.472	12	0.314	8	142	10	711	50	1.575	40
<b>PU11</b>	0.551	14	0.393	10	128	9	640	45	1.969	50
<b>PU12</b>	0.629	16	0.472	12	114	8	569	40	2.165	55



**ARK Polyurethane Tubes are manufactured from Huntsman (Germany) and BASF (Europe) Polyurethane Granules and are calibrated 98A shore hardness**

**Test Certificate with batch number is provided with every supply**

**SALIENT FEATURES**

**Excellent mechanical properties**

**Consistent tensile strength, elongation for optimum burst pressure and longevity**

**Abrasion resistance and flexural modulus as per ISO standards**

**UV resistant & Silicon Free**

**Good vibration absorption**

**Optimal bend radius and good vacuum capability due to surface hardness**

**Low resistivity for antistatic tubes**

**High resistance to kinking**

**Self extinguishing sheath for anti spark tubes**

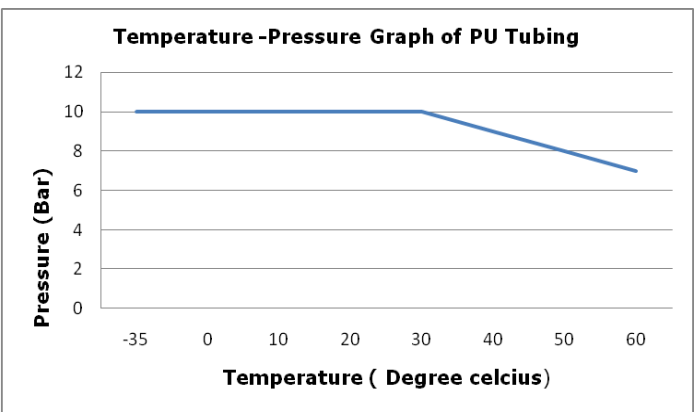
**Resistance to wide range of chemicals for PE tubes**

**Smooth inner surface**

**Available in multicolor for easy identification**

**In built meter marking**

Coil Tube Sizes	Working Length
6mm x 4mm	3m, 5m, 10m, 15m
8mm x 5mm	3m, 5m, 10m, 15m
10mm x 6.5mm	3m, 5m, 10m, 15m
12mm x 8mm	3m, 5m, 10m, 15m



**APPLICATIONS**

**PNEUMATIC MACHINES**

**PRINTING AND PACKAGING MACHINES**

**FOOD AND BEVERAGE PROCESSING**

**AUTOMOBILE EQUIPMENTS**

**ROBOTICS, AUTOMATION**



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