



## Bioprocess / Pharmaceutical Flexible Kynar® Lined Tubing

### **KFLEX**

Kynar® Lined Thermoplastic Polymer

#### ***Kynar® Liner - contact surface characteristics***

- No animal derived components
- USP Class VI • FDA compliant
- Ultra-low extractables / leachables
- Low protein binding

#### ***Overall tubing characteristics***

- Temperature range: to + 80°C (176°F)
- Shore A 85
- Compatible with E-beam sterilization
- Barrier permeability O<sub>2</sub> - excellent (high)

**Eldon James**

Ph. 970.667.2728 • [eldonjames.com](http://eldonjames.com) • fax 970.667.3204

Cleanroom Manufactured

**KFlex**

*Low Extractables Bioprocess Tubing*  
*Pharmaceutical • Bioprocess • Medical*

- *Low extractables / leachables - liner component*
- *Kynar liner meets USP Class VI requirements*
- *More flexible than tubing extruded from 100% Kynar*
- *Animal derivative free Kynar® liner*



<i>Tube Number</i>	<i>ID</i>		<i>OD Nominal</i>		<i>Wall</i>	<i>Standard Roll</i>
KFLEX .5-1.5	1/32"	.0312"	3/32"	.093"	1/32"	50 ft.
KFLEX 1-2	1/16"	.0625"	1/8"	.125"	1/32"	50 ft.
KFLEX 1.5-2.5	3/32"	.0937"	5/32"	.156"	1/32"	50 ft.
KFLEX 2-3	1/8"	.125"	3/16"	.187"	1/32"	50 ft.
KFLEX 2-4	1/8"	.125"	1/4"	.250"	1/16"	50 ft.
KFLEX 170-4	11/64"	.170"	1/4"	.250"	1/32"	50 ft.
KFLEX 3-4	3/16"	.187"	1/4"	.250"	1/32"	50 ft.
KFLEX 3-5	3/16"	.187"	5/16"	.312"	1/16"	50 ft.
KFLEX 4-6	1/4"	.265"	3/8"	.390"	1/16"	50 ft.
KFLEX 5-7	5/16"	.323"	7/16"	.448"	1/16"	50 ft.
KFLEX 6-8	3/8"	.385"	1/2"	.510"	1/16"	50 ft.
KFLEX 8-10	1/2"	.510"	5/8"	.635"	1/16"	50 ft.
KFLEX 8-12	1/2"	.510"	3/4"	.760"	1/8"	50 ft.
KFLEX 10-14	5/8"	.635"	7/8"	.885"	1/8"	50 ft.
KFLEX 12-16	3/4"	.760"	1"	1.010"	1/8"	50 ft.
KFLEX 16-20	1"	1.010"	1 1/4"	1.260"	1/8"	50 ft.

Temperature resistant to 80 °C, 176 °F • Shore A 85 hardness

O<sub>2</sub> Barrier permeability - excellent (high)

Chemical resistant, inert Kynar® contact surface

Low protein binding

E-beam sterilization

No phthalate additives

**REACH/RoHS Compliant**

**ISO 9001**  
Quality System

**Eldon James**

Ph. 970.667.2728 • [eldonjames.com](http://eldonjames.com) • fax 970.667.3204