

# PEX-PF™

## The PVC Alternative



- The characteristics of PVC, but without plasticizers
- For use in fluid and gas administration procedures
- Ideal for blood transfer, dialysis, drug delivery, anesthesia monitoring and the administration of unstable solutions such as nitroglycerine and insulin



PEX-PF™ plasticizer-free tubing from PEXCO® Medical Products provides the performance of PVC, but without plasticizers, for a wide range of medical applications. In fact, PEX-PF, a polyolefin-based tubing, matches PVC in clarity, flexibility, kink resistance and all standard sterilization methods. It does so without DEHP or *any other* plasticizer content.



PEX-PF has water vapor properties superior to PVC, and has excellent resistance to chemicals without the worry of phthalate or plasticizer migration. It has low heat sealing temperatures. It also can be bonded to ABS, Acrylic, PC, PETG and PVC using standard solvents such as Cyclohex or THF. Moreover, it is very suitable for peristaltic pump applications common in drug infusion and dialysis procedures.

PEX-PF is available in a wide range of durometers. It is blood compatible. It also eliminates the absorption of unstable solutions such as nitroglycerine and insulin, thereby reducing inconsistencies in dosage.

PEX-PF is also environmentally sound. This material is non-hazardous and easily disposable without concerns of dioxin emissions and/or hydrogen chloride given off during the incineration of PVC.

	<u>Shore Hardness/ Durometers*</u>	<u>Density</u>	<u>Tensile Modulus</u>	<u>Tensile Strength</u>
	60A	0.9 g/cm <sup>3</sup>	435 psi	870 psi
	70A	0.9 g/cm <sup>3</sup>	1015 psi	1160 psi
	72A	0.9 g/cm <sup>3</sup>	725 psi	1015 psi
	78A	0.9 g/cm <sup>3</sup>	1015 psi	1015 psi
	82A	0.9 g/cm <sup>3</sup>	4350 psi	1450 psi
Test Method	ISO 1183		ISO 527	ISO 527

\* Specifically designed for medical tubing applications.

#### Regulatory Status:

- Materials comply with USP Class VI
- Materials only contain and use additives approved and listed in European Pharmacopoeia 4th Edition, monograph 3.1.3
- Materials conform to 90/128/EEC directive for monomers and the draft additives, positive list A (Synoptic)

Look to **Filtrona** for quality medical tubing and innovative extruded products servicing medical applications such as: contrast injection, gas sampling, drug delivery, IV Administration, hemodialysis, insufflation, pump, irrigation, drainage, suction, pressure monitoring, general fluid and gas delivery.



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