# Tubing Connector is Alternative to Luer Fittings

Value Plastics, a Nordson Company, introduces the BPL Series of tubing connectors, a new alternative to Luer fittings. The Luer is a standard tubing connector prevalent in medical devices largely due to its ease of use and affordable nature. Unfortunately, however, the common use of this standard design has resulted in the risk of tubing misconnections within healthcare environments. Alternatives to these fittings have therefore begun to increase in popularity.

The BPL Series of connectors incorporates a quarter-turn design that is commonly used in blood pressure applications – particularly blood pressure cuffs. Features such as Value Plastics' 10-point grip coupled with the BPL's patent pending winged male fitting provide superior ergonomics, while the snap-on design makes it easy to confirm that components are properly connected. These attributes can be crucial in fast-paced healthcare environments characterized by hindrances such as dark rooms and loose-fitting gloves, or critical situations that require rapid, secure connections to be made without hesitation.

Another unique characteristic of the BPL Series is the true tube stop on the rotating half of the two connectors. This allows tubing to be fully assembled onto the barb without its edge pushing against the shroud of the connector. It is this contact that hampers the rotation of the barb, causing the tubing to kink and twist. The connectors also include an O-ring that provides a tight seal, and barb sizes of 1/8" (3.2mm) and 5/32" (4.0mm). The medical grade ABS material withstands bulk sterilization processes and holds up under demanding application conditions.

**Value Plastics**
www.valueplastics.com [1]

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