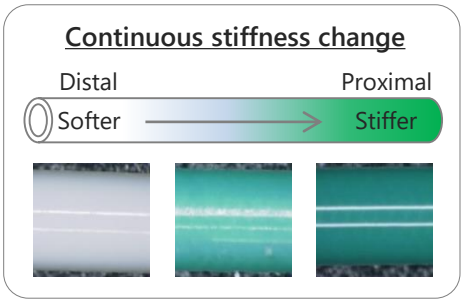
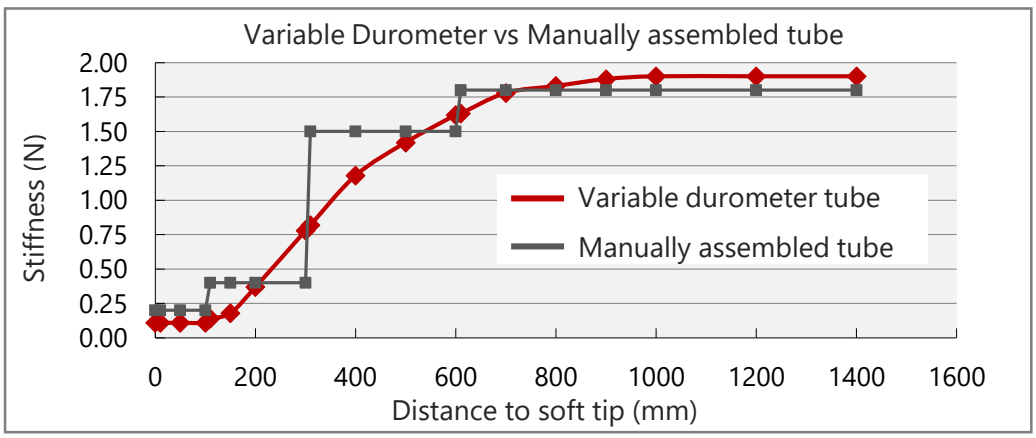
Variable Durometer tube



Variable durometer throughout the tube's length provides a linear transition between a delicately soft tip with a hard proximal end. Our continuous extrusion process eliminating labor and welded points of the manually assembled tube, causing the misaligned segment to fail, bring seamless transition, reducing cost, and better blood vessel trackability to your catheter. This process also can be validated and less susceptible to lot-to-lot variations. Ideal for catheter required soft tip with pushability at a proximal end.

Specifications

Inner diameter :	0.03 - 0.04" (0.80 - 1.09mm) at transition length 400mm
	0.05 - 0.10" (1.33 – 2.66mm) at transition length 200mm
Wall thickness :	Min. 0.0024" (0.06mm)
Material :	Pebax®, Vestamide®

Example of continuous stiffness change