



TYSHAK® Line

TYSHAK® Line catheters are designed with a low profile that delivers high performance. Manufactured from a micro-thin, non-compliant balloon material, these innovative balloon catheters allow the smallest introducers possible. The reduced sheath size helps minimize vessel trauma and entry-site complications. Short, flexible distal tip gives you superior maneuverability. With well-defined shoulders and minimum balloon tapers, TYSHAK® Line catheters glide easily through smaller and difficult-to-negotiate vessels. They are available in the range of sizes (2.0 – 30.0 mm).

Benefits

Balloon The TYSHAK® Line PTV balloons are coaxially constructed with a distally mounted non-compliant balloon for correct inflation size.

Micro-thin The TYSHAK® Line balloon is made of a micro-thin material which allows an exceptionally low profile and requires therefore the smallest introducers possible.

In- and deflation times The TYSHAK® Line PTV balloons have extremely fast in- and deflation times for a quick procedure.

Maximum Trackability The distal shaft through the balloon is highly flexible for exceptional maneuverability.

This, combined with the pushability of the coaxial shaft, provides outstanding tracking performance.

Radiopaque Marker Platinum marker bands facilitate reliable positioning of the balloon.

Biggest range of sizes in market

TYSHAK® Line balloon catheters are available in multiple configurations ranging in diameter from 2.0 to 30.0 mm.

Customized Sizes upon request If you don't find the appropriate size for your procedure, we can make customized sizes upon request. Additional regulatory approvals may be needed for customized sizes.

NuMED created four types of TYSHAK® Balloon Catheters with different specifications – for each intervention the appropriate product!

	TYSHAK®	TYSHAK II®	TYSHAK-X™	TYSHAK Mini®
Details		Lower profile and smaller rated Burst Pressures than TYSHAK®	<ul style="list-style-type: none"> • Braided inner tubing • Extra high inner lumen strength • Increased pushability • Radiopaque inner tubing • Extra fast guidewire movement (even with balloon inflated) 	Super thin balloon – lowest profile of any available balloon in its diameter in market
CE Class III				
Catheter Body	Polymeric, DEHP-free, Latex-free			
Balloon	Thermoplastic Elastomer (Non-compliant – The balloon will not exceed +/- 10% of the given balloon size at Rated Burst Pressure or Nominal Pressure), DEHP-free, Latex-free			
Image Band	Platinum Iridium			
Balloon Diameter (mm)	2.0 – 25.0	4.0 – 30.0	8.0 – 25.0	4.0 – 10.0
Balloon length (cm)	1.0 – 10.0	2.0 – 10.0	2.0 – 6.0	2.0 – 4.0
Rated Burst Pressure (ATM)	1.5 – 10	1.5 – 6	1.5 – 5	3.5 – 6
Introducer Size (FR)	4 – 11	4 – 10	6 – 11	3 – 4
Indication	PTV of the Pulmonary Valve			Pediatric PTV of the Pulmonary Valve
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