Brosmed
embrace life

Tiche™

PTA Balloon Dilatation Catheter



Features & Benefits

01 **Superior High Pressure Performance**

02 **Dual Lumen Design**

03 **Hydrophilic Coating**

04 **Flexible Tip Design**

05 **Complete Size Portfolio**

Superior High Pressure Performance

✓ Tiche ™ has robust RBP

RBP

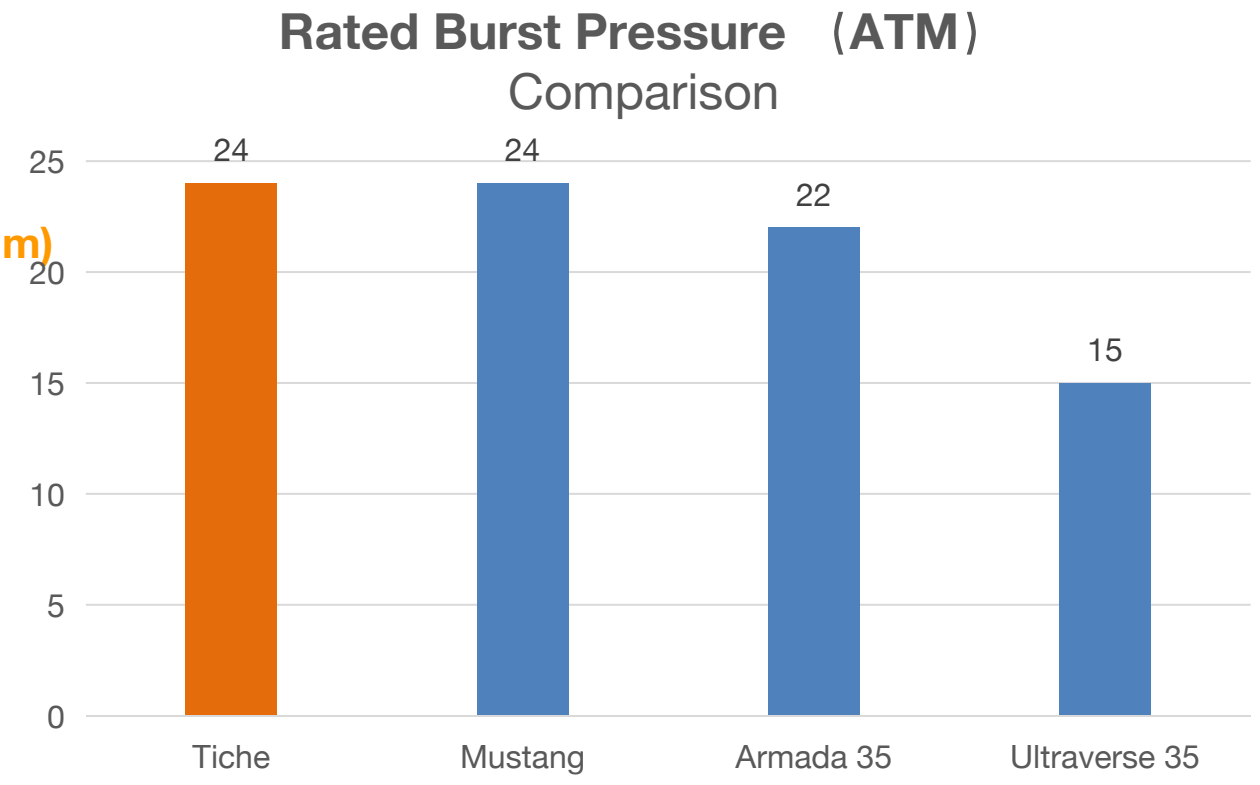
Rated Burst Pressure ≥24atm

Rated Burst Pressure(RBP) (∅3.0-6.0mm)

ABP

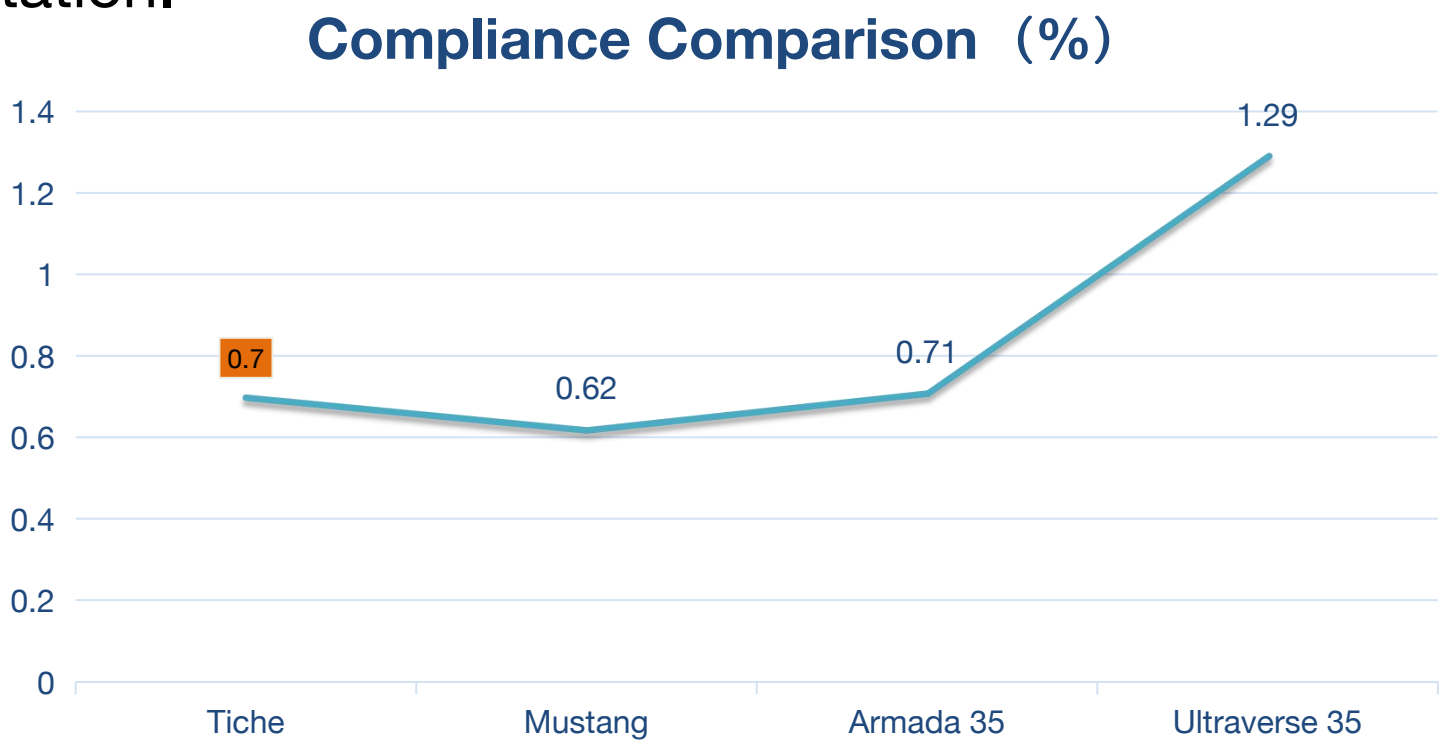
Averaged Burst Pressure ≥32atm

Averaged Burst Pressure(∅3.0-6.0mm)



✓ Lower Compliance, More Precise Control

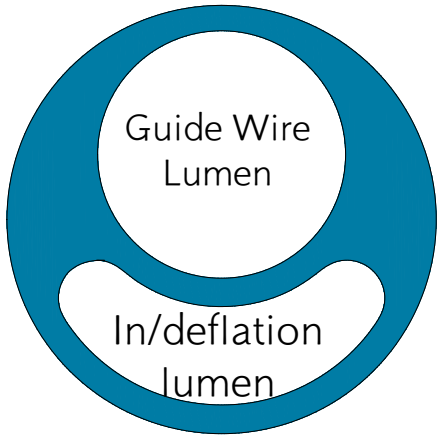
✓ Low compliance(0.7%) ensures controlled minimal growth up to RBP without dog-bone effect and avoid potential vessel trauma caused by over-dilatation.

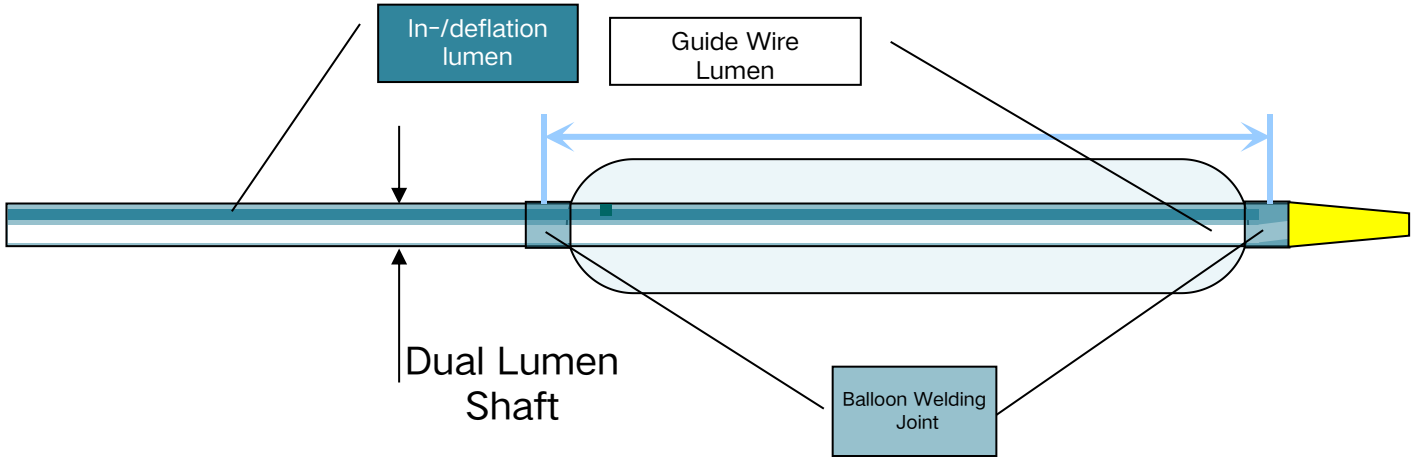


Excellent Dual Lumen Design

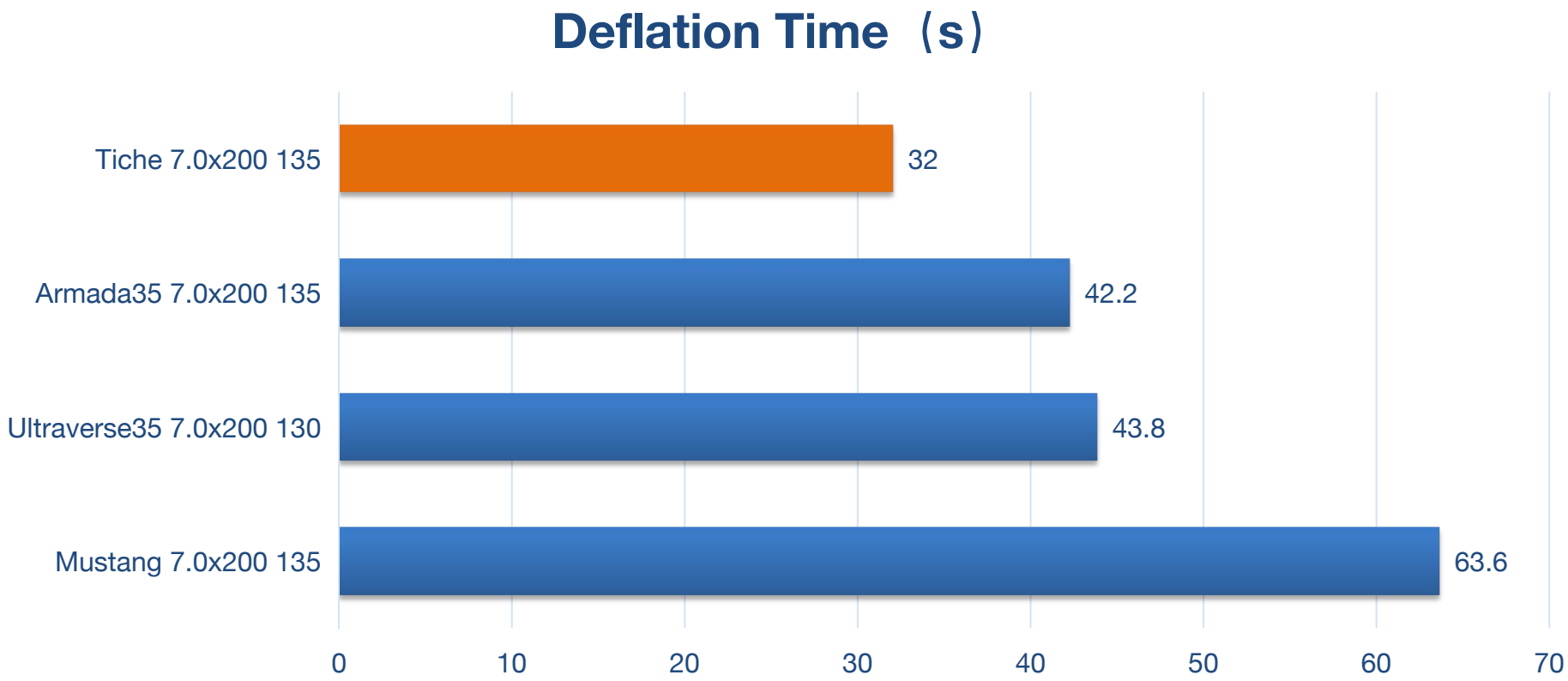
✓Excellent kink resistance performance enables to facilitate navigation through tortuous and tight lesions.

✓Dual lumen design to shorten the deflation time.





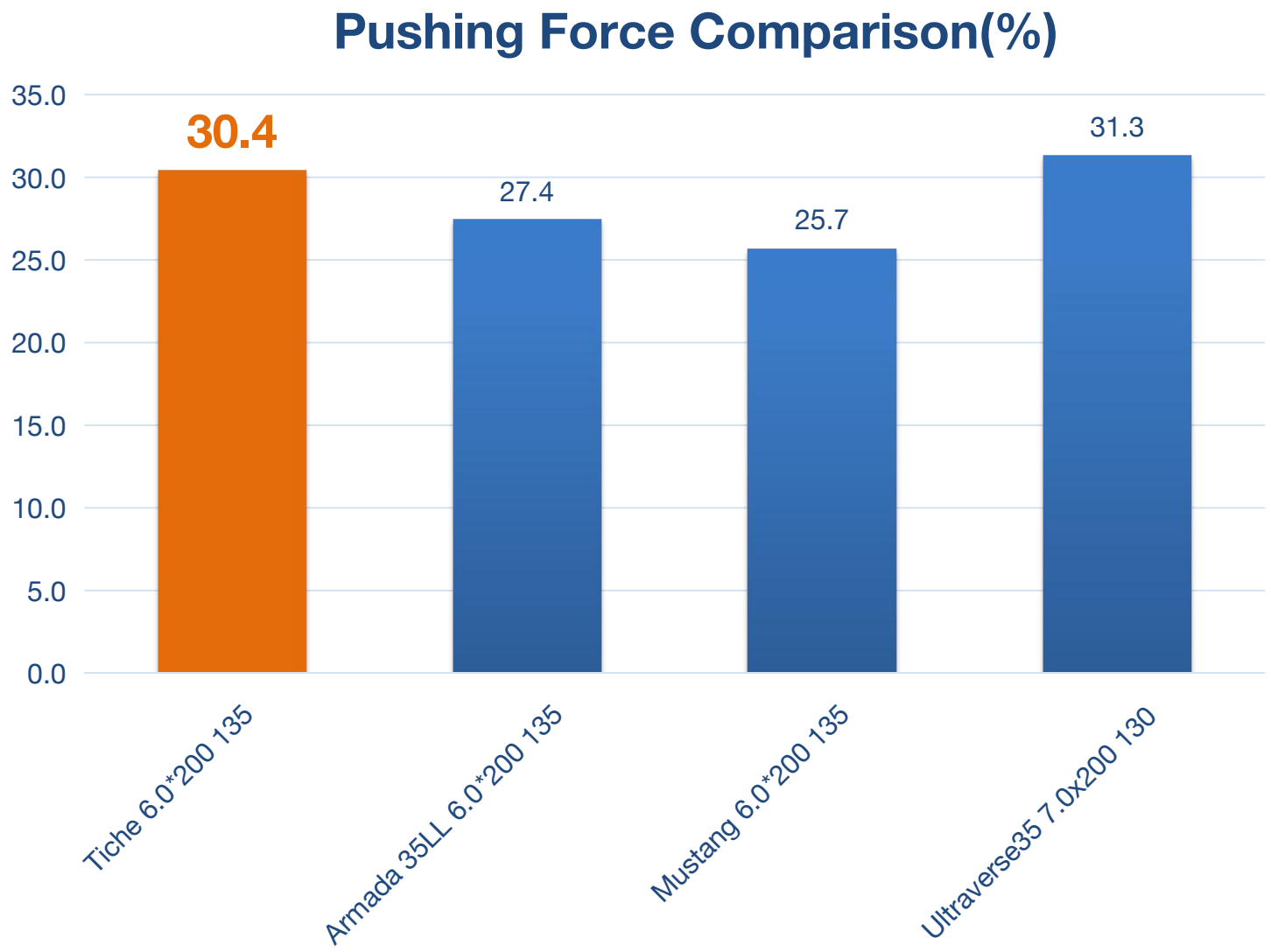
- **Competitively quicker deflation time than main player in the market**



Double-Layer Coating Design

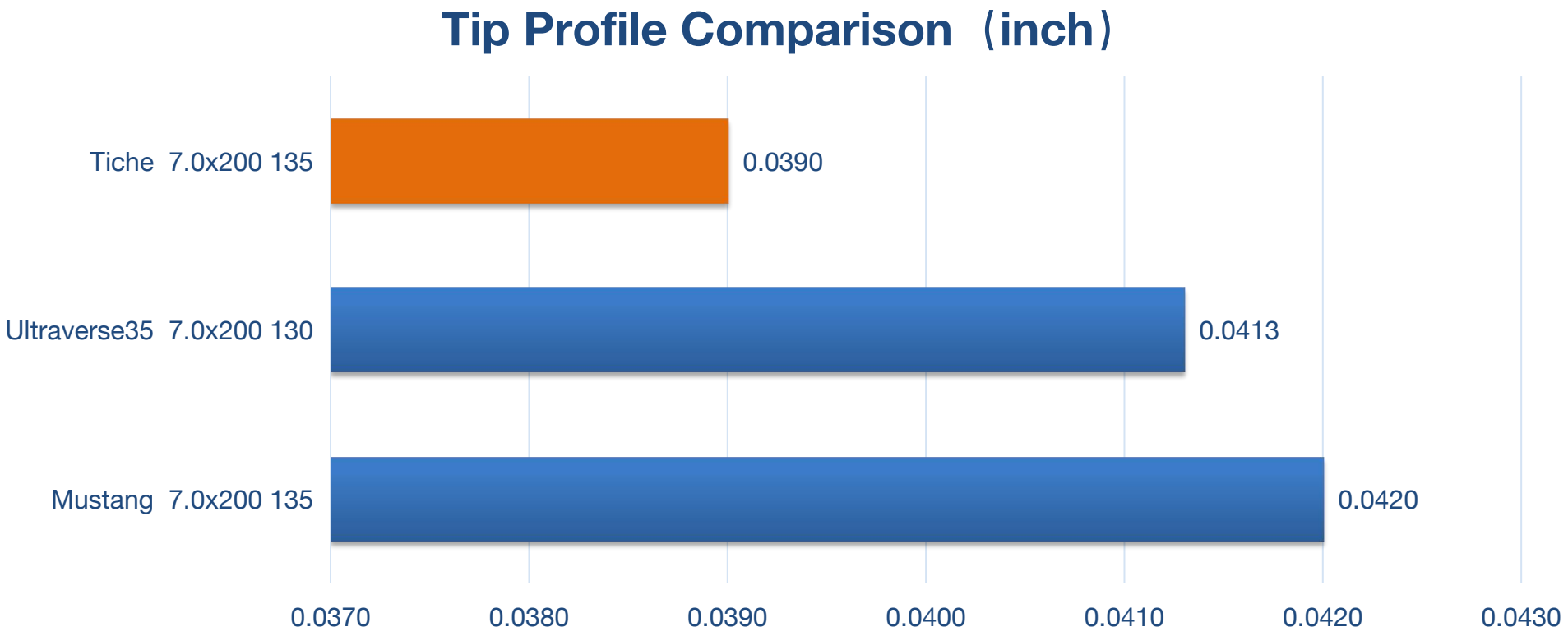
- **#1 Hydrophilic External Surface Coating**
  - Brings longer lasting lubrication performance.
  - Covers up to **35cm** in length.
    - Ensures smoother performance in crossing complex and tight lesions
    - Dramatically reduce the adsorption of cells and proteins etc. on the surface of the balloon
- **#2 Silicone Coating Inside Guidewire Lumen**
  - Ensures smooth transmission of guide wires.

The higher transmission rate of pushing force, the better pushability performance.

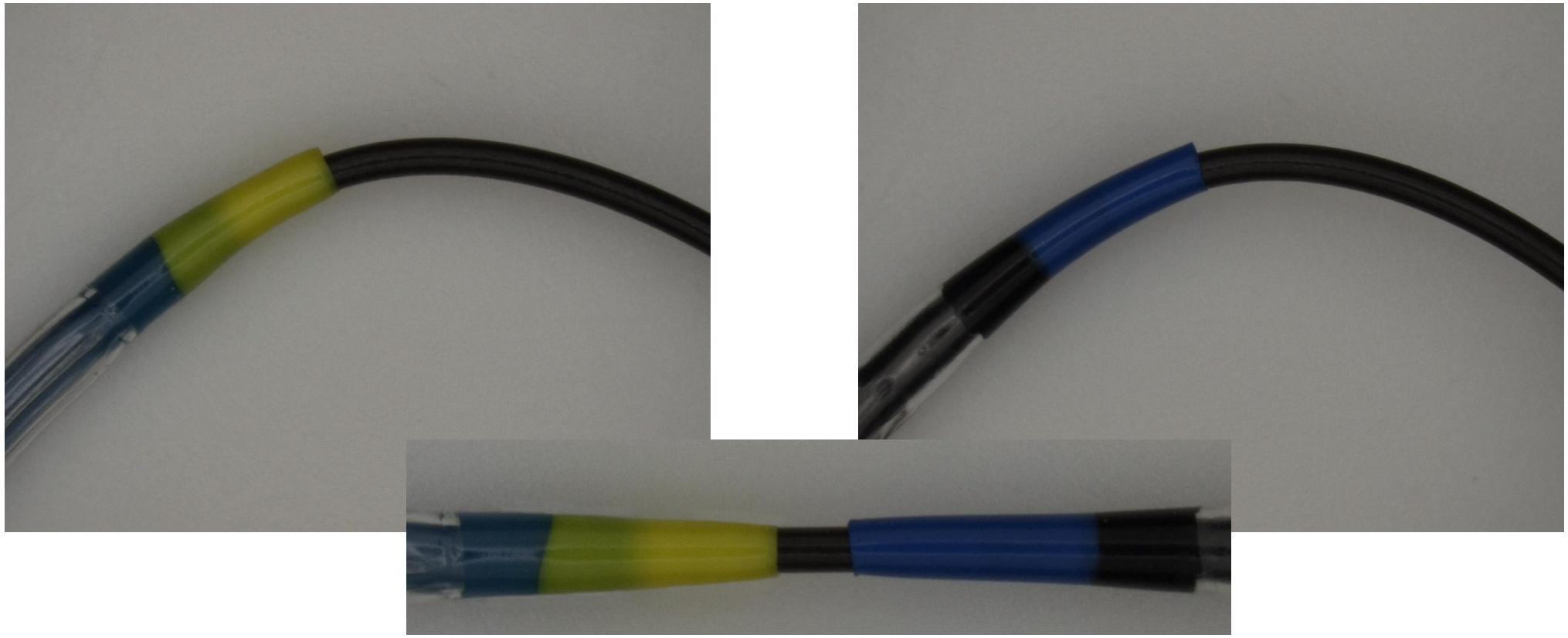


Flexible Tip Design

✓**Smooth tapered tip design resulting in lower tip entry profile to enter and cross challenging lesions.**



✓Flexible tip material design and low tip profile makes it easier to pass through stenotic lesions and minimizing the potential vessel trauma.



Tiche vs Mustang

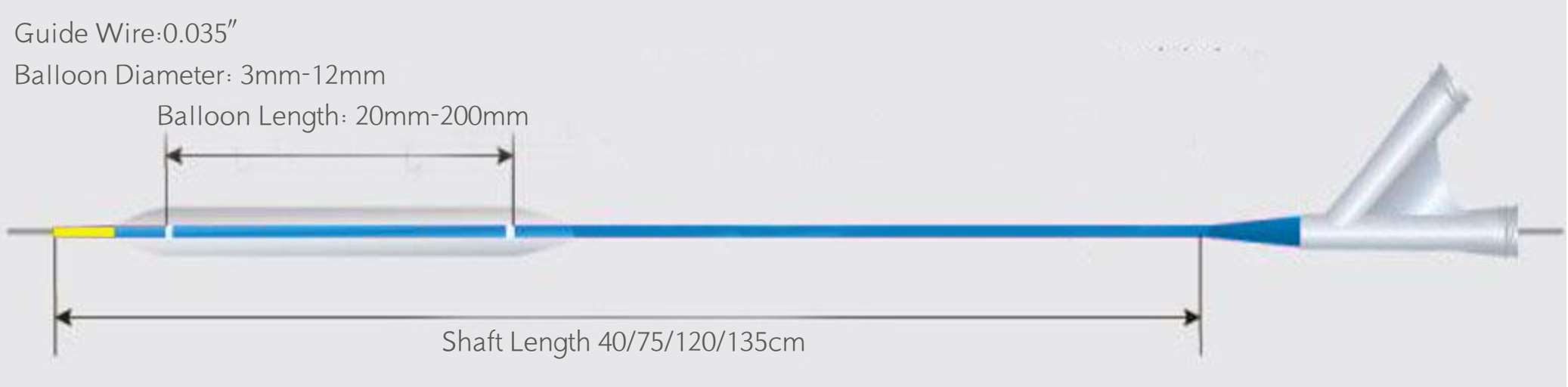
Complete Size Portfolio

- **Complete Size Portfolio to meet various clinical demands:**

  Balloon Diameters from 3mm-12mm，Balloon Lengths 20-200mm

  Working length from 40 cm, 75 cm, 120cm, 135 cm

  (40 cm working length is engineerd for AVF)



PART 02

Competitive Overview

Company Name	Brosmed	Boston Scientific	Abbott	Bard	Medtronic
Product Name	Tiche	Mustang	Armada 35 & Armada 35 LL	Ultraverse 35	Admiral XTREME
Catheter Type	OTW	OTW	OTW	OTW	OTW
Diameter(mm)	3, 4, 5, 6, 7, 8, 9, 10, 12	3, 4, 5, 6, 7, 8, 9, 10, 12	3, 4, 5, 6, 7, 8, 9, 10, 12, 14	3, 4, 5, 6, 7, 8, 9, 10, 12	3, 4, 5, 6, 7, 8, 9, 10, 12
Balloon Length(mm)	20, 30, 40, 60, 80, 100, 120, 150, 180, 200	20, 30, 40, 60, 80, 100, 120, 150, 180, 200	20,40,60,80,100,120,150, 200, 250	20, 40, 60, 80, 100, 120, 150, 200，250, 300	20, 40, 60, 80, 120, 150, 200, 250, 300
Shaft Length(cm)	40, 75, 120, 135	40, 75, 135	80, 135	75, 130	80, 130
RBP (atm)	24, 22, 20,18, 14	24, 22, 20,18, 14	22,20,15,14,13,10, 8	9 to 21	Up to 18
Sheath Compatibility	5F（∅3.0-7.0mm)	5F（∅3.0-7.0mm)	5F(6x150mm)	5F (up to 7x200mm)	5F (3 - 7 mm)
	6F（∅8.0-10.0mm)	6F（∅8.0-10.0mm)	6F(≥6x200mm, ≥7x100mm)	6F (up to 10.0mm)	6F (8 - 10 mm)
	7F（∅12.0mm)	7F（∅12.0mm)	7F(≥14x20-80mm)	7F (12.0 mm)	7F (12 mm)

Competitive Overview

- ✓ The minimum compatible sheath of Tiche™ is 5F.
- ✓ Sheath Compatibility is equivalent to Mustang's.

Balloon Diameter (mm)	Balloon Length (mm)									
	20	30	40	60	80	100	120	150	180	200
3.0										
4.0										
5.0										
6.0										
7.0										
8.0										
9.0										
10.0										
12.0										

5F 6F 7F

(7mm*200mm through 5F)

Competitive Overview

- ✓ Tiche™ RBP is up to 24atm
- ✓ Hign pressure resistance perfermance is equivalent to Mustang's.

Balloon Dia. (mm)	Balloon Length (mm)									
	20	30	40	60	80	100	120	150	180	200
3.0	24 atm									
4.0										
5.0										
6.0	24 atm						22 atm			
7.0	20 atm						18 atm			
8.0	20 atm						18 atm			
9.0	18 atm					N/A				
10.0	14 atm									
12.0	14 atm									

PART 03

Ordering Information

40cm Usable Length										
Balloon Diameter	Balloon Length/Product Code									
	20mm	30mm	40mm	60mm	80mm	100mm	120mm	150mm	180mm	200mm
3mm	34-030240	34-030340	34-030440	34-030640	34-030840	34-031040				
4mm	34-040240	34-040340	34-040440	34-040640	34-040840	34-041040				
5mm	34-050240	34-050340	34-050440	34-050640	34-050840	34-051040	34-051240			
6mm	34-060240	34-060340	34-060440	34-060640	34-060840	34-061040	34-061240			
7mm	34-070240	34-070340	34-070440	34-070640	34-070840	34-071040				
8mm	34-080240	34-080340	34-080440	34-080640	34-080840	34-081040				
9mm	34-090240	34-090340	34-090440	34-090640	34-090840					
10mm	34-100240	34-100340	34-100440	34-100640	34-100840					
12mm	34-120240	34-120340	34-120440	34-120640	34-120840					

75cm Usable Length										
Balloon Diameter	Balloon Length/Product Code									
	20mm	30mm	40mm	60mm	80mm	100mm	120mm	150mm	180mm	200mm
3mm	34-030275	34-030375	34-030475	34-030675	34-030875	34-031075	34-031275	34-031575	34-031875	34-032075
4mm	34-040275	34-040375	34-040475	34-040675	34-040875	34-041075	34-041275	34-041575	34-041875	34-042075
5mm	34-050275	34-050375	34-050475	34-050675	34-050875	34-051075	34-051275	34-051575	34-051875	34-052075
6mm	34-060275	34-060375	34-060475	34-060675	34-060875	34-061075	34-061275	34-061575	34-061875	34-062075
7mm	34-070275	34-070375	34-070475	34-070675	34-070875	34-071075	34-071275	34-071575	34-071875	34-072075
8mm	34-080275	34-080375	34-080475	34-080675	34-080875	34-081075	34-081275	34-081575	34-081875	34-082075
9mm	34-090275	34-090375	34-090475	34-090675	34-090875					
10mm	34-100275	34-100375	34-100475	34-100675	34-100875			**AVF Recommended Sizes**		
12mm	34-120275	34-120375	34-120475	34-120675	34-120875					

120cm Usable Length										
Balloon Diameter	Balloon Length/Product Code									
	20mm	30mm	40mm	60mm	80mm	100mm	120mm	150mm	180mm	200mm
3mm	34-030212	34-030312	34-030412	34-030612	34-030812	34-031012	34-031212	34-031512	34-031812	34-032012
4mm	34-040212	34-040312	34-040412	34-040612	34-040812	34-041012	34-041212	34-041512	34-041812	34-042012
5mm	34-050212	34-050312	34-050412	34-050612	34-050812	34-051012	34-051212	34-051512	34-051812	34-052012
6mm	34-060212	34-060312	34-060412	34-060612	34-060812	34-061012	34-061212	34-061512	34-061812	34-062012
7mm	34-070212	34-070312	34-070412	34-070612	34-070812	34-071012	34-071212	34-071512	34-071812	34-072012
8mm	34-080212	34-080312	34-080412	34-080612	34-080812	34-081012	34-081212	34-081512	34-081812	34-082012
9mm	34-090212	34-090312	34-090412	34-090612	34-090812					
10mm	34-100212	34-100312	34-100412	34-100612	34-100812			**Peripheral Recommended Sizes**		
12mm	34-120212	34-120312	34-120412	34-120612	34-120812					

135cm Usable Length										
Balloon Diameter	Balloon Length/Product Code									
	20mm	30mm	40mm	60mm	80mm	100mm	120mm	150mm	180mm	200mm
3mm	34-030213	34-030313	34-030413	34-030613	34-030813	34-031013	34-031213	34-031513	34-031813	34-032013
4mm	34-040213	34-040313	34-040413	34-040613	34-040813	34-041013	34-041213	34-041513	34-041813	34-042013
5mm	34-050213	34-050313	34-050413	34-050613	34-050813	34-051013	34-051213	34-051513	34-051813	34-052013
6mm	34-060213	34-060313	34-060413	34-060613	34-060813	34-061013	34-061213	34-061513	34-061813	34-062013
7mm	34-070213	34-070313	34-070413	34-070613	34-070813	34-071013	34-071213	34-071513	34-071813	34-072013
8mm	34-080213	34-080313	34-080413	34-080613	34-080813	34-081013	34-081213	34-081513	34-081813	34-082013
9mm	34-090213	34-090313	34-090413	34-090613	34-090813					
10mm	34-100213	34-100313	34-100413	34-100613	34-100813					
12mm	34-120213	34-120313	34-120413	34-120613	34-120813					

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Thank you

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