High Flow Foley Balloon Catheter

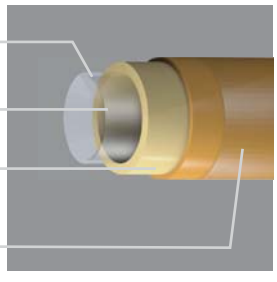
High Flow / Regular Flow
High Flow 2 Way | SMD 520
High Flow 3 Way | SMD 521
Regular Flow 2 Way | SMD 500
Regular Flow 3 Way | SMD 501

LESS TRAUMA DURING CATHETERIZATION
REDUCED TISSUE DAMAGE
LONGER IN-DWELLING TIME
TRAUMA FREE REMOVAL

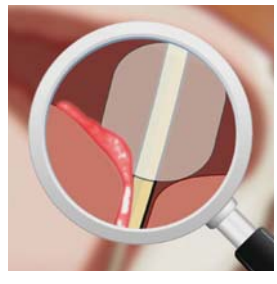
Foley Balloon Catheter High Flow
Grand Débit Foley Globo Sonda
Cateter balão High Flow
Cathéter à ballon High Flow

- Used for short/long term urine drainage
- Made from natural latex rubber
- Silicon elastomer coated smooth surface for atraumatic catheterization
- High strength polymer layer in the middle of the catheter ensures wider inner diameter and hence high flow rate
- Minimises encrustration and subsequent catheter blockage and failure
- Smooth eye, ultra thin highly elastic balloon and hard non-return valve for trouble free inflation and deflation

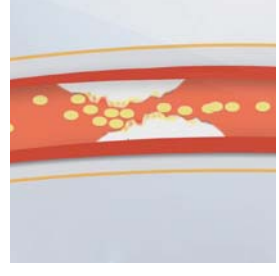
High Flow Features:



Unique Four Layer System



Prevents allergy from proteins in the Latex



Minimised Encrustation & Catheter Blockage

TWO WAY		THREE WAY	
Size in FR	Balloon Capacity	Size in FR	Balloon Capacity
6	3cc	16,18, 20, 22, 24 & 26	30cc - 50cc
8 -10	3cc - 5cc	14	15cc - 30cc
12 - 14	5cc - 15cc		
16 - 26	30cc - 50cc		

Packing

- Sterile, Individually packed in peelable pouch.
- Box of 10; Master Carton of 100 (High Flow)
- Box of 10; Master Carton of 600 (Regular)

Gross: 14kg approx. (14 FR)

540 x 430 x 350mm (High Flow)
690 x 330 x 530mm (Regular)

SIZES										
FR	8	10	12	14	16	18	20	22	24	26
Colour Code	Black	Grey	White	Green	Orange	Red	Yellow	Voilet	Blue	Pink

A Study was conducted by a research team of DOW CORNING, USA to check the efficacy of the elastomer coating on the STERIMED HIGH FLOW FOLEY BALLOON CATHETER, which were compared to an uncoated catheter.

The results indicated a 54% fall in coefficient of friction. Meaning, the possibility of tissue damage and trauma is reduced to half. Further, the study checked the longevity of the coating under exposure to urine for upto 29 days.

The results indicated that the coating remained fully functional during the period of study. Further, the study clearly indicates an increase in coefficient of friction due to encrustation over a longer period, in case of an uncoated catheter.

However, in case of elastomer coated catheter, the coefficient of friction remains consistently low over the 29 days of study thus ensuring a smooth trauma free removal of the catheter.

Comparison of flow rates of STERIMED HIGH FLOW FOLEY BALLOON CATHETER VS Some leading brands in the market.

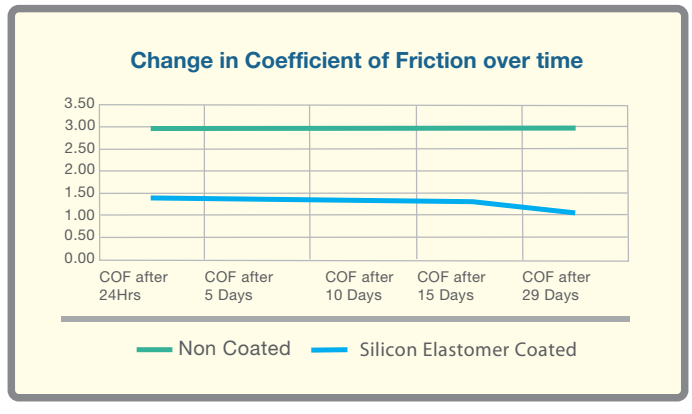
	Flow Rate / min	Standard as per BS EN 1616 : 1997
Sterimed High Flow	360	100
Brand B	355	100
Brand T	340	100
Brand R	340	100

Measured for Size 16 Fr Balloon capacity 30ml and method of measurement as per BS EN 1616 : 1997

SUMMARY OF HEALTH DATA, MSDS AND REGULATORY PROFILE FOR SILICON ELASTOMER COATING

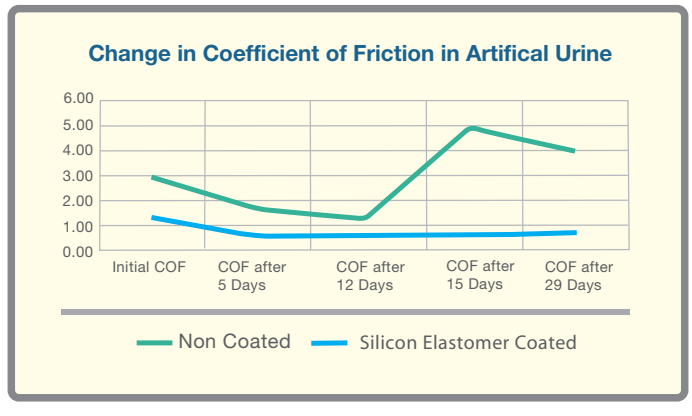
Latex sheet coated with Silicon Elastomer compared with uncoated latex sheet, initial cof after 24h, final cof after 5D, 10D, 15D, 29D

	Non Coated	Silicon Elastomer Coated
COF after 24 Hrs	2.98	1.38
COF after 5 Days	2.98	1.36
COF after 10 Days	2.98	1.32
COF after 15 Days	2.98	1.30
COF after 29 Days	2.98	1.05



Latex sheet coated with Silicon Elastomer - artificial urine, initial cof, final cof 5D, 10D, 15D, 29D

	Non Coated	Silicon Elastomer Coated
Initial COF	2.98	1.39
COF after 5 Days	1.76	0.69
COF after 10 Days	1.38	0.80
COF after 15 Days	4.89	0.74
COF after 29 Days	4.00	0.81



- Coefficient of Friction was measured based on the method and instrument technique developed by Dow Corning internally
- Artificial Urine was as per BS EN 1616 : 1997
- Cured Latex Sheets were collected from external source.