

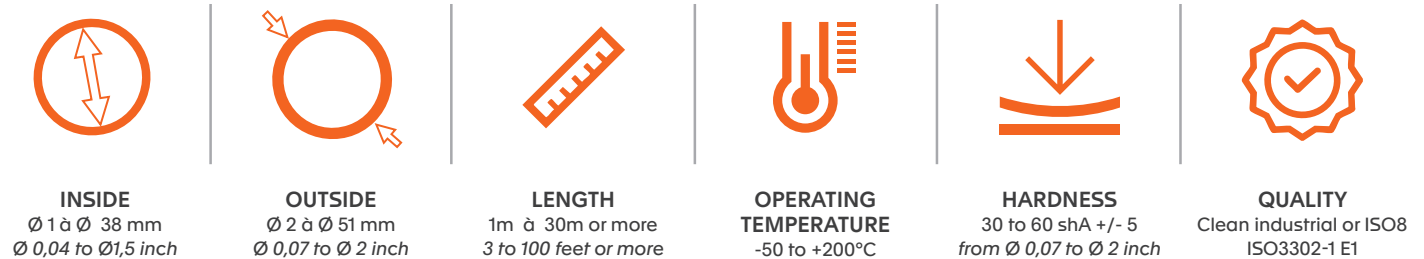


Hightube®

Range of high
performance silicone
tubes for peristaltic
applications

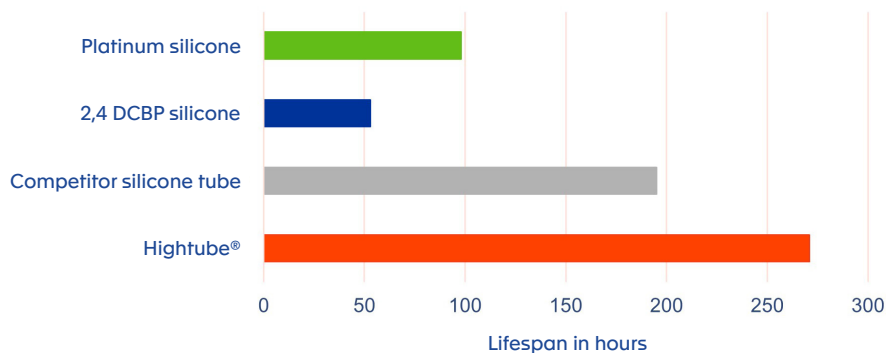
Are you looking for high-performance, long lasting silicone tubing for the medical, industrial or pharmaceutical sectors, specially designed for peristaltic pumps?

Our solution : Hightube®

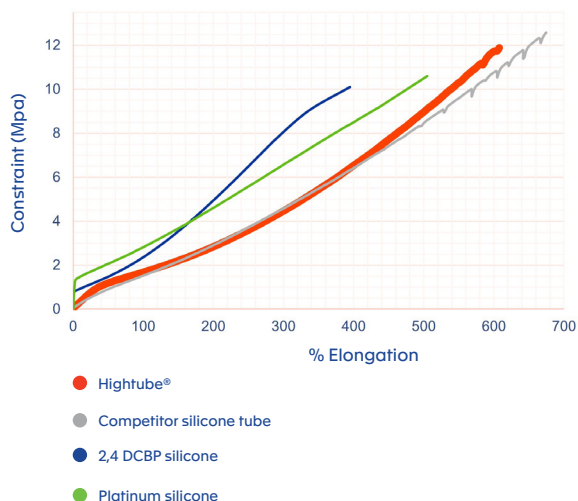


Properties comparative study

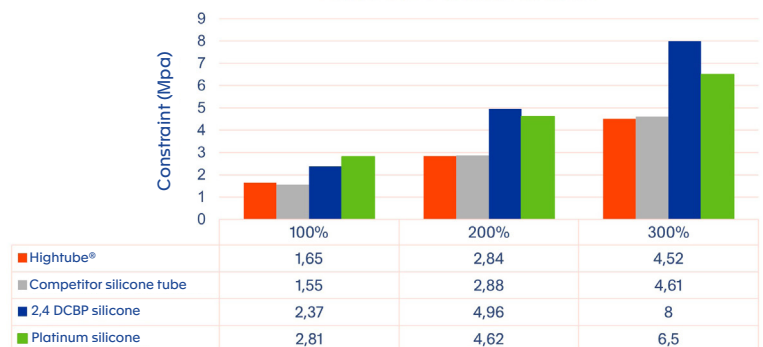
Lifespan on Ø4 × Ø6 tube
150 ml/min , 200 tr.min-1, 4-rollers pump



Tube tensil curve



Secant modulus study



Low deformation energy for an increased durability and reduced maintenance costs.

Hightube® technical file

Comparative table

Properties	HIGHTUBE® 30	HIGHTUBE® 40	HIGHTUBE® 50	HIGHTUBE® 60
Hardness (+/-5 shA)	27	40	50	60
Breaking stress (Mpa/psi)	12 / 1740	12 / 1740	12,1 / 1755	10,5 / 1523
Elongation at break (%)	1000	910	920	620
Secant module @ 100% Mpa/psi	0,6 / 87	0,9 / 130	1,3 / 188	1,9 / 275
Burst strength	3 bars 44 psi	4 bars 58 psi	5 bars 73 psi	> 7 Bars > 100 psi
Sterilization possible	ETO, gamma & autoclave			
FDA & BFR	•	•	•	•
CE 1935 : 2004	-	-	-	• (MG0 & MG4)
Pharmacopea 3.1.9	•	-	-	•
ISO 10993	• (5,6,10,11)	-	-	• (5,6,10,11)
USP Class VI	•	-	-	•
Catalyst/color	Platinum/ transparent	Platinum/ transparent	Platinum/ transparent	Platinum/ transparent

Values and results provided
are non-contractual averages

• Compliance - Possible test





EXSTO accompanies you where performance is essential to your success.

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