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Laborgeräte zu fairen Preisen.

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Datasheet Silicone micro tubing

Flexible platinum-cured silicone micro tubing for transferring small volumes of liquid. Select the inner diameter, outer diameter and configuration to suit the application.

Technical data

Property	Specification
Material	Platinum-cured silicone
Wall thickness	Our versions approx. 0.8–0.95mm; see table for other dimensions
Appearance	Transparent to translucent or milky white
Configuration	4 × 2m; two red stoppers per tube. Check head compatibility.



Our standard sets with two red stoppers per tube. ID: inner diameter; OD: outer diameter. Illustration not to scale. See table for other technical sizes.

Sizes and product codes

ID mm	OD mm	Wall mm	Product code	Pack size
0.5	2.1	0.8	C1704_8	4 × 2m
0.5	2.34	0.92		
1	2.84	0.92		
2	3.84	0.92		
2.4	4.24	0.92		
2.4	4.3	0.95	C1704_2	4 × 2m
3	4.84	0.92		
3.2	5	0.9		

All dimensions are nominal and may vary slightly due to manufacturing tolerances. Items without a product code are outside our standard range.

Standard pack size: set of 4 lengths of 2m; two red positioning stoppers per tube.

C1704_2 (ID 2.4mm / OD 4.3mm): maximum pressure approx. 2bar. This value applies only to this item; observe the operating conditions.

Selection and use

- The two red stoppers position the tubing in the compatible cassette. With the drive switched off, insert them into the designated holders and check that they are seated as described in the pump head instructions. The stoppers are not end caps; the tube openings remain unobstructed.
- Select the tubing size and material to suit the pump head, liquid and intended application.
- Check material compatibility and actual delivery on the installed system. After replacing the tubing, check the flow and recalibrate if necessary.
- Tubing is a wear part. Inspect regularly for damage, loss of elasticity and leaks, and replace in good time.
- Some solvents may cause silicone to swell. Check temperature, pressure and sterilisation requirements for the specific application before use.

Technical specifications are subject to change without prior notice.