

TYGON® LMT-55 MICROBORE

Laboratory microhose

Material: PVC (special, DEHP-free)
Working temperature: to +74°C
Brittleness temperature: -50°C
Hardness: 55 Shore (A)
Density: 1.18 g/cm^3

Colourless, crystal-clear, soft and flexible laboratory hose for versatile use. **The MICROBORE version of the TYGON® LMT-55 hose is an economical solution for analytical peristaltic micropumps in ordinary applications.** Used for sampling, in automatic laboratory analysers and for reagent dosing. It features excellent chemical resistance. A transparent wall allowing flow monitoring, a glass-smooth inner surface minimising deposit build-up and very low gas permeability are additional advantages of the hose. It is produced to tight dimensional tolerances batch to batch, ensuring repeatability of results in laboratory testing. Non-toxic, odourless and tasteless, free of DEHP phthalates and BPA. Compliant with REACH Regulation 1907/2006/EU and RoHS 2011/65/EU – free of hazardous and prohibited substances.
Hose available in versions with 2 or 3 stoppers or without stoppers. The coloured stoppers are phthalate-free and made using bioplasticisers. The combination of stopper colours allows identification of the hose size.
Length of hose with 2 or 3 stoppers: 381 mm. Distance between stoppers: 152 mm. Versions with stoppers sold in full packs of 12. Depending on stock, minimum order quantities (MOQ) may apply - 120 or 240 pcs. Length of hose without stoppers: 10 m. Depending on stock, minimum order quantities (MOQ) of 50 or 100 m may apply.
Service life in a peristaltic pump of up to 100 h. If a longer service life is required, consider a similar TYGON hose® E-LFL in the MICROBORE version – available on request.

index (2 stoppers)	stopper colour (2 stoppers)	index (3 stoppers)	stopper colour (3 stoppers)	index (without stoppers)	diameter innerouter [mm]	wall wall [mm]	MOQ* (2 stoppers) [pcs]	MOQ* (3 stoppers) [pcs]	MOQ* (without stoppers) [m]
VE-070534-00-ND	● ●	VE-070535-00-ND	● ● ●	VE-070534-00L-ND	0,13	0,90	120	240	100
VE-070534-01-ND	● ●	VE-070535-01-ND	● ● ●	VE-070534-01L-ND	0,19	0,90	240	120	100
VE-070534-02-ND	● ●	VE-070535-02-ND	● ● ●	VE-070534-02L-ND	0,25	0,90	120	240	50
VE-070534-03-ND	● ●	VE-070535-03-ND	● ● ●	VE-070534-03L-ND	0,38	0,90	120	120	50
VE-070534-04-ND	● ●	VE-070535-04-ND	● ● ●	-	0,44	0,90	120	240	-
VE-070534-05-ND	● ●	VE-070535-05-ND	● ● ●	VE-070534-05L-ND	0,51	0,90	120	120	50
VE-070534-06-ND	○ ●	VE-070535-06-ND	○ ● ○	VE-070534-06L-ND	0,57	0,90	120	240	100
VE-070534-07-ND	● ○	VE-070535-07-ND	● ○ ●	VE-070534-07L-ND	0,64	0,90	120	240	50
VE-070534-08-ND	● ●	VE-070535-08-ND	● ● ●	VE-070534-08L-ND	0,76	0,85	120	120	50
VE-070534-09-ND	● ●	VE-070535-09-ND	● ● ●	VE-070534-09L-ND	0,89	0,85	120	120	100
VE-070534-10-ND	○ ●	VE-070535-10-ND	○ ● ○	VE-070534-10L-ND	0,95	0,85	120	120	50
VE-070534-11-ND	○ ○	VE-070535-11-ND	○ ○ ○	VE-070534-11L-ND	1,02	0,85	120	120	50
VE-070534-12-ND	○ ●	VE-070535-12-ND	○ ● ○	VE-070534-12L-ND	1,09	0,85	240	240	50
VE-070534-13-ND	● ●	VE-070535-13-ND	● ● ●	VE-070534-13L-ND	1,14	0,85	120	120	100
VE-070534-14-ND	● ●	VE-070535-14-ND	● ● ●	VE-070534-14L-ND	1,22	0,85	240	240	50
VE-070534-15-ND	● ●	VE-070535-15-ND	● ● ●	VE-070534-15L-ND	1,30	0,85	120	120	50
VE-070534-16-ND	● ●	VE-070535-16-ND	● ● ●	VE-070534-16L-ND	1,42	0,85	120	120	50
VE-070534-17-ND	● ●	VE-070535-17-ND	● ● ●	VE-070534-17L-ND	1,52	0,85	120	120	50
VE-070534-18-ND	● ●	VE-070535-18-ND	● ● ●	VE-070534-18L-ND	1,65	0,85	120	120	100
VE-070534-19-ND	● ●	VE-070535-19-ND	● ● ●	VE-070534-19L-ND	1,75	0,85	120	240	100
VE-070534-20-ND	● ●	VE-070535-20-ND	● ● ●	VE-070534-20L-ND	1,85	0,85	120	240	50
VE-070534-21-ND	● ●	VE-070535-21-ND	● ● ●	VE-070534-21L-ND	2,06	0,85	120	120	50
VE-070534-22-ND	● ●	VE-070535-22-ND	● ● ●	VE-070534-22L-ND	2,29	0,85	120	240	100
VE-070534-23-ND	● ●	VE-070535-23-ND	● ● ●	VE-070534-23L-ND	2,54	0,85	120	120	50
VE-070534-24-ND	● ○	VE-070535-24-ND	● ○ ●	VE-070534-24L-ND	2,79	0,85	120	120	50
VE-070534-25-ND	● ○	VE-070535-25-ND	● ○ ●	VE-070534-25L-ND	3,17	0,85	120	120	50

* MOQ – minimum order quantity (from the manufacturer);

TPE, TEEE for analytical peristaltic micropumps (TAAT)