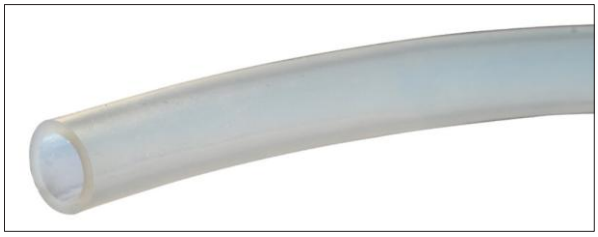
Silicone hoses for food applications



VERSILON™ SPX-60 FB

Silicone hose for food substances

Material: semi-transparent silicone
Hardness: 61 ± 4 Shore (A)
Density: 1.16 g/cm^3
Working temperature: from -50°C to +200°C

Soft and flexible silicone hose, peroxide-cured *(peroxide cured)*, designed specifically for foodstuffs and beverages. Engineered for applications requiring flexibility, bending resistance and durability. Hose with optimised physical material properties: tensile strength, maximum elongation and compression set – for increased durability. The very smooth inner surface of the hose minimises the build-up of contaminants during fluid flow. Particularly intended for dispensing food liquids: coffee, tea, beverages and fruit juices. Used in the production and dispensing of cosmetic liquids. Compliant with the material directive RoHS 2011/65/EU and the REACH regulation 1907/2006/EU - contains no hazardous or prohibited substances. Meets the requirements of FDA 21 CFR 177.2600. Compliant with European requirements 1935/2004/EC, 10/2011/EU (simulant liquids B and D1 – for hydrated, acidic and dairy products) and 2023/2006/EC (GMP). Steam sterilisation possible (18 min, 1 bar, +134°C), ethylene oxide, radiation (up to 2.5 Mrad). Pressure safety factor 5:1. Assembly onto hose tails and ends without sharp barbs using clamps.

index	diameter inner [mm]	diameter outer [mm]	wall wall [mm]	pressure working [bar]	bending radius [mm]	weight [kg/m]	length standard [m]
VE-ABX6FB001*	0,5	2,5	1	1,3	1	0,005	50
VE-ABX6FB002*	1	3	1	1,1	2	0,007	50
VE-ABX6FB003*	1,5	3	0,75	0,72	3	0,006	50
VE-ABX6FB004	2	4	1	0,6	4	0,011	50
VE-ABX6FB005*	2	5,5	1,75	0,81	3	0,024	50
VE-ABX6FB006*	2	6	2	0,9	2	0,029	50
VE-ABX6FB007	3	5	1	0,55	7	0,015	50
VE-ABX6FB008*	3	5,5	1,25	0,6	6	0,019	50
VE-ABX6FB009*	3	6	1,5	0,9	6	0,024	50
VE-ABX6FB010*	3	7	2	0,55	4	0,036	50
VE-ABX6FB011	4	6	1	0,64	14	0,018	50
VE-ABX6FB012*	4	7	1,5	0,75	9	0,03	25
VE-ABX6FB013	4	8	2	0,4	10	0,043	25
VE-ABX6FB014*	4	10	3	0,54	5	0,077	25
VE-ABX6FB015	5	7	1	0,5	23	0,022	25
VE-ABX6FB016	5	8	1,5	0,75	16	0,035	25
VE-ABX6FB017*	5	9	2	0,4	12	0,051	25
VE-ABX6FB018*	5	10	2,5	0,45	12	0,068	25
VE-ABX6FB019*	6	8	1	0,6	29	0,025	25
VE-ABX6FB020	6	9	1,5	0,64	22	0,041	25
VE-ABX6FB021	6	10	2	0,3	20	0,058	25
VE-ABX6FB022*	6	12	3	0,37	12	0,098	25
VE-ABX6FB023*	7	10	1,5	0,47	25	0,046	25
VE-ABX6FB024*	7	11	2	0,64	24	0,065	25
VE-ABX6FB025*	7	12	2,5	0,31	19	0,086	25
VE-ABX6FB026*	7	13	3	0,39	14	0,108	25
VE-ABX6FB027*	8	11	1,5	0,51	31	0,052	25
VE-ABX6FB028	8	12	2	0,55	28	0,072	25
VE-ABX6FB029*	8	14	3	0,5	18	0,119	25
VE-ABX6FB030*	8	16	4	0,61	17	0,173	25
VE-ABX6FB031*	8,5	12	1,75	0,33	32	0,065	25
VE-ABX6FB032*	9	13	2	0,37	35	0,08	25
VE-ABX6FB033	10	14	2	0,36	48	0,087	25
VE-ABX6FB034	10	16	3	0,45	30	0,141	25
VE-ABX6FB035*	10	18	4	0,5	29	0,204	25
VE-ABX6FB036*	10	23	6,5	0,8	15	0,387	25
VE-ABX6FB037*	12	15,5	1,75	0,31	66	0,086	25
VE-ABX6FB038	12	17	2,5	0,28	48	0,131	25
VE-ABX6FB039*	15	21	3	0,31	66	0,195	25
VE-ABX6FB040*	18	24	3	0,26	74	0,228	10

* - minimum order quantities apply to these sizes