

# Vacuum / Compressed Air Hoses VSL

Material PA, PE, PU, PVC



## Suitability for industry specific applications



### Application

- Hose connections in vacuum systems

Vacuum / Compressed Air Hoses VSL

### Design

- Vacuum hoses made of PVC, PU, PA and PE, some in the form of a hard PVC spiral (PS), with a wire spiral (DS) or a textile layer (G)

### Product highlights

- Vacuum hoses with clear diameter from 2 to 75 mm to optimize evacuation time and flow resistance
- Wide range of materials for every application

### Designation code Vacuum / Compressed Air Hoses VSL

VSL	-	15-9	-	PVC	-	G
1		2		3		4

#### 1 - Abbreviated designation

Code	Version
VSL	VSL

#### 2 - Diameter

Code	Diameter in mm
4-2...87-75	ø 4-2 to 87-75 (outside-inside)

#### 3 - Material

Code	Material
PA	Polyamide
PE	Polyethylene
PU	Polyurethane
PVC	Polyvinyl chloride

#### 4 - Product addition

Code	Type
DS	Wire spiral
G	Textile layer
PS	PVC spiral








Vacuum/compressed air hose VSL is delivered in the desired length.

Available accessories: hose clamp

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## Ordering data Vacuum / Compressed Air Hoses VSL

Type	Part no.	Accessories		Part no.
VSL 4-2 PE BL	10.07.09.00013	-	-	-
VSL 4-2 PU MI-TR	10.07.09.00001 	-	-	-
VSL 4-2.7 PA MI-TR	10.07.09.00063	-	-	-
VSL 6-4 PE BL	10.07.09.00014	-	-	-
VSL 6-4 PU MI-TR	10.07.09.00002 	-	-	-
VSL 8-6 PE BL	10.07.09.00015	-	-	-
VSL 8-6 PU MI-TR	10.07.09.00003 	-	-	-
VSL 10-7 PE MI-TR	10.07.09.00083	Hose clamp	SSB 10-16 ST-VZ	10.07.10.00001
VSL 10-7 PU MI-TR	10.07.09.00084	Hose clamp	SSB 10-16 ST-VZ	10.07.10.00001
VSL 12-9 PE BL	10.07.09.00050	Hose clamp	SSB 10-16 ST-VZ	10.07.10.00001
VSL 12-9 PU MI-TR	10.07.09.00037 	Hose clamp	SSB 10-16 ST-VZ	10.07.10.00001
VSL 14-11 PU MI-TR	10.07.09.00038	Hose clamp	SSB 10-16 ST-VZ	10.07.10.00001
VSL 15-9 PVC-G KL-TR	10.07.09.00005	Hose clamp	SSB 10-16 ST-VZ	10.07.10.00001
VSL 19-13 PVC-DS KL-TR	10.07.09.00016	Hose clamp	SSB 16-27 ST-VZ	10.07.10.00002
VSL 21-12 PVC-G KL-TR	10.07.09.00006	Hose clamp	SSB 20-32 ST-VZ	10.07.10.00003
VSL 26-19 PVC-DS KL-TR	10.07.09.00007	Hose clamp	SSB 20-32 ST-VZ	10.07.10.00003
VSL 27-20 PU-DS-AS TR	10.07.09.00047 	Hose clamp	SSD 24-27 ST-VZ	10.07.10.00086
VSL 33-25 PVC-DS KL-TR	10.07.09.00041	Hose clamp	SSB 32-50 ST-VZ	10.07.10.00004
VSL 32-25 PU-DS-AS TR	10.07.09.00051 	Hose clamp	SSB 32-50 ST-VZ	10.07.10.00004
VSL 41-32 PVC-DS KL-TR	10.07.09.00008	Hose clamp	SSB 32-50 ST-VZ	10.07.10.00004
VSL 42-32 PU-DS-AS TR	10.07.09.00036 	Hose clamp	SSD 37-42 ST-VZ	10.07.10.00019
VSL 41-35 PVC-PS GR	10.07.09.00010	Hose clamp	SSD 37-42 ST-VZ	10.07.10.00019
VSL 48-38 PU-DS-AS TR	10.07.09.00031	Hose clamp	SSD 43-48 ST-VZ	10.07.10.00020
VSL 49-38 PU-DS-AS TR HD	10.07.09.00052	Hose clamp	SSD 43-48 ST-VZ	10.07.10.00020
VSL 47-38 PVC-DS KL-TR	10.07.09.00009	Hose clamp	SSB 32-50 ST-VZ	10.07.10.00004
VSL 48-40 PVC-PS GR	10.07.09.00011	Hose clamp	SSD 43-48 ST-VZ	10.07.10.00020
VSL 60-50 PU-DS-AS KL-TR	10.07.09.00020	Hose clamp	SSD 57-62 ST-VZ	10.07.10.00036
VSL 61-50 PVC-DS GR	10.07.09.00033	Hose clamp	SSD 60-68 ST-VZ	10.07.10.00017
VSL 71-60 PVC-DS GR	10.07.09.00012	Hose clamp	SSD 65-70 ST-VZ	10.07.10.00098
VSL 71-60 PU-DS-AS TR	10.07.09.00034	Hose clamp	SSD 65-70 ST-VZ	10.07.10.00098
VSL 71-60 PU-DS-AS TR HD	10.07.09.00065	Hose clamp	SSD 65-70 ST-VZ	10.07.10.00098
VSL 85-75 PVC-PS GR	10.07.09.00048	Hose clamp	SSD 85-90 ST-VZ	10.07.10.00102
VSL 86-75 PU-DS-AS TR	10.07.09.00054	-	-	-
VSL 87-75 PU-DS-AS HD	10.07.09.00061	Hose clamp	SSD 85-90 ST-VZ	10.07.10.00102

# Vacuum / Compressed Air Hoses VSL

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## Technical data Vacuum / Compressed Air Hoses VSL

Type	Material hose	Pressure range (operating pressure) [bar]*	Operating temperature [°C]	Bending radius min. [mm]**	Length max. [m]***
VSL 4-2 PE BL	PE	bar	°C	-	100
VSL 4-2 PU MI-TR	PU	-0.95 ... 10.00 bar	-40 ... 60 °C	20	50
VSL 4-2.7 PA MI-TR	PA	-0.95 ... 20.00 bar	-40 ... 90 °C	30	50
VSL 6-4 PE BL	PE	bar	°C	-	100
VSL 6-4 PU MI-TR	PU	-0.95 ... 10.00 bar	-20 ... 90 °C	35	500
VSL 8-6 PE BL	PE	bar	°C	-	100
VSL 8-6 PU MI-TR	PU	-0.95 ... 10.00 bar	-35 ... 60 °C	45	500
VSL 10-7 PE MI-TR	PE	-0.95 ... 10.00 bar	-30 ... 70 °C	60	50
VSL 10-7 PU MI-TR	PU	-0.95 ... 10.00 bar	-40 ... 85 °C	60	50
VSL 12-9 PE BL	PE	bar	°C	-	100
VSL 12-9 PU MI-TR	PU	-0.95 ... 10.00 bar	-20 ... 90 °C	70	50
VSL 14-11 PU MI-TR	PU	-0.95 ... 10.00 bar	-20 ... 90 °C	100	50
VSL 15-9 PVC-G KL-TR	PVC with tissue	bar	°C	-	50
VSL 19-13 PVC-DS KL-TR	PVC with wire spiral	-0.90 ... 5.00 bar	-15 ... 65 °C	85	50
VSL 21-12 PVC-G KL-TR	PVC with tissue	bar	°C	-	50
VSL 26-19 PVC-DS KL-TR	PVC with wire spiral	-0.90 ... 5.00 bar	-15 ... 65 °C	85	50
VSL 27-20 PU-DS-AS TR	PU, wire spiral, antistatic	-1.00 ... 4.72 bar	-40 ... 90 °C	17	20
VSL 33-25 PVC-DS KL-TR	PVC with wire spiral	-0.85 ... 4.00 bar	-15 ... 65 °C	95	50
VSL 32-25 PU-DS-AS TR	PU, wire spiral, antistatic	-1.00 ... 3.86 bar	-40 ... 90 °C	20	20
VSL 41-32 PVC-DS KL-TR	PVC with wire spiral	-0.85 ... 4.00 bar	-15 ... 65 °C	110	50
VSL 42-32 PU-DS-AS TR	PU, wire spiral, antistatic	-1.00 ... 3.77 bar	-40 ... 90 °C	25	20
VSL 41-35 PVC-PS GR	PVC with PVC-spiral	-0.50 ... 0.50 bar	-20 ... 70 °C	65	50
VSL 48-38 PU-DS-AS TR	PU, wire spiral, antistatic	-1.00 ... 3.12 bar	-40 ... 90 °C	29	20
VSL 49-38 PU-DS-AS TR HD	PU, wire spiral, antistatic	-1.00 ... 4.47 bar	-20 ... 90 °C	104	15
VSL 47-38 PVC-DS KL-TR	PVC with wire spiral	-0.88 ... 7.00 bar	-15 ... 65 °C	120	50
VSL 48-40 PVC-PS GR	PVC with PVC-spiral	-0.49 ... 1.00 bar	-20 ... 70 °C	70	50
VSL 60-50 PU-DS-AS KL-TR	PU, wire spiral, antistatic	-0.82 ... 2.48 bar	-40 ... 90 °C	35	20
VSL 61-50 PVC-DS GR	PVC with wire spiral	-0.78 ... 1.50 bar	-20 ... 70 °C	90	10
VSL 71-60 PVC-DS GR	PVC with wire spiral	-0.73 ... 1.27 bar	-20 ... 70 °C	110	25
VSL 71-60 PU-DS-AS TR	PU, wire spiral, antistatic	-0.69 ... 2.09 bar	-40 ... 90 °C	40	20
VSL 71-60 PU-DS-AS TR HD	PU, wire spiral, antistatic	-1.00 ... 2.92 bar	-40 ... 90 °C	156	15
VSL 85-75 PVC-PS GR	PVC with PVC-spiral	-0.29 ... 1.00 bar	-20 ... 70 °C	114	10
VSL 86-75 PU-DS-AS TR	PU, wire spiral, antistatic	-0.50 ... 1.69 bar	-40 ... 90 °C	66	15
VSL 87-75 PU-DS-AS HD	PU, wire spiral, antistatic	-1.00 ... 2.36 bar	-40 ... 90 °C	195	15

\*In reference to media and ambient temperature of +20 °C

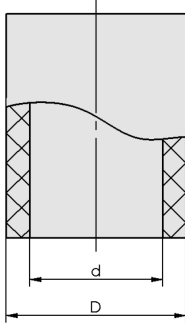
\*\*Referred to the inner side of the hose bend in a static state

\*\*\*Please indicate the tube length when placing the order

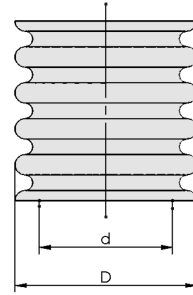
# Vacuum / Compressed Air Hoses VSL

Material PA, PE, PU, PVC

## Design data Vacuum / Compressed Air Hoses VSL



VSL 4/2 - VSL 21/12



VSL 26/19 - VSL 87/75

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### Design data Vacuum / Compressed Air Hoses VSL

Type	d [mm]	D [mm]
VSL 4-2 PE BL	2	4
VSL 4-2 PU MI-TR	2	4
VSL 4-2.7 PA MI-TR	3	4
VSL 6-4 PE BL	4	6
VSL 6-4 PU MI-TR	4	6
VSL 8-6 PE BL	6	8
VSL 8-6 PU MI-TR	6	8
VSL 10-7 PE MI-TR	7	10
VSL 10-7 PU MI-TR	7	10
VSL 12-9 PE BL	9	12
VSL 12-9 PU MI-TR	9	12
VSL 14-11 PU MI-TR	11	14
VSL 15-9 PVC-G KL-TR	9	15
VSL 19-13 PVC-DS KL-TR	13	20
VSL 21-12 PVC-G KL-TR	12	21
VSL 26-19 PVC-DS KL-TR	19	26
VSL 27-20 PU-DS-AS TR	20	27
VSL 33-25 PVC-DS KL-TR	25	33
VSL 32-25 PU-DS-AS TR	25	32
VSL 41-32 PVC-DS KL-TR	32	41
VSL 42-32 PU-DS-AS TR	32	42
VSL 41-35 PVC-PS GR	35	41
VSL 48-38 PU-DS-AS TR	38	48
VSL 49-38 PU-DS-AS TR HD	38	49
VSL 47-38 PVC-DS KL-TR	38	47
VSL 48-40 PVC-PS GR	40	48
VSL 60-50 PU-DS-AS KL-TR	50	60
VSL 61-50 PVC-DS GR	50	61
VSL 71-60 PVC-DS GR	60	71
VSL 71-60 PU-DS-AS TR	60	71
VSL 71-60 PU-DS-AS TR HD	60	71
VSL 85-75 PVC-PS GR	75	85
VSL 86-75 PU-DS-AS TR	75	86
VSL 87-75 PU-DS-AS HD	75	87