

INDUSTRIAL HOSES - metal

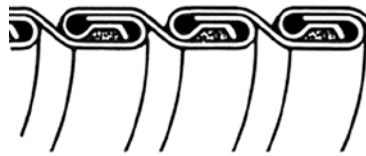
Stripwound hoses

Characteristics:

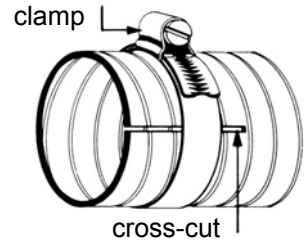
Hoses folded from a metal band („Peschel hoses“): made by spiral winding of an extruded metal band, usually zinc-plated carbon steel or stainless steel. Extrusion of the band allows its edges to overlap and ensures hose flexibility. Additionally, different kinds of seals can be used. Such hoses are mainly used for low pressure applications, vacuum or as protective covers.



GRIPLOCK stripwound hose



INTERLOCK stripwound hose



Depending on its diameter GRIPLOCK hose can retain a required angle once bent or does not retain it. INTERLOCK hose does not retain any shape or angle and has a seal made of rubber, cotton or copper wire.

Application



Extraction and removal of fumes and gases

Stripwound hoses are frequently used to remove smoke, gas, dust or fumes. They can be used at temperature by far higher than plastic ducting hoses are used. Mounted with special clamps. Sold per meter.



Industrial hoses - dry and loose product transfer

Delivered as complete hose assemblies with fittings, e.g. male or female thread, couplings such as CAMLOCK, GUILLEMIN, STORZ. Used for low pressure transfer of different kinds of granulated products, abrasive or aggressive loose products, cement, grain etc.



Protective hoses

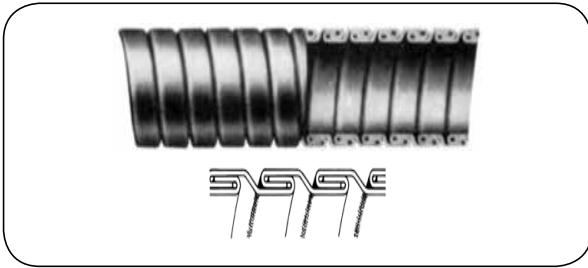
Stripwound hoses are well suited to protect soft, more fragile hoses in heavy duty working conditions.

Usually used to protect:

- external braid,
- bunch of cables (e.g. electrical),
- against kinking,
- against abrasion of a plastic hose,
- against droplets of light metals e.g. aluminium.

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GRIPLOCK G

Material: Galvanized carbon steel

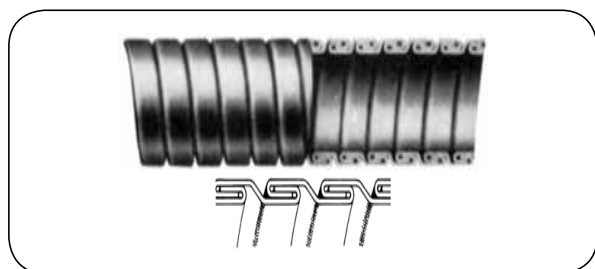
Working temp.: Up to +500°C

Flexible steel hose designed to transfer gas with fluid particles, smoke, fumes, dry loose materials (ash, dust, grain, granulated products). Widely used also as a protection hose. Assembled on exhaust outlets of engines to absorb vibration, noise and to limit thermal expansion. Standard version maintains shape. FLOPPY version that does not maintain shape is available up to 76 mm diameter (code example: WH-GRIPLOCK/G-006-F).

code	I.D. [mm]	O.D. [mm]	bending radius [mm]	weight [kg/m]
WH-GRIPLOCK/G-006	6	9	25	0.16
WH-GRIPLOCK/G-008	8	11	30	0.18
WH-GRIPLOCK/G-010	10	13	33	0.23
WH-GRIPLOCK/G-012	12	16	45	0.30
WH-GRIPLOCK/G-016	16	20	55	0.33
WH-GRIPLOCK/G-020	20	24	59	0.34
WH-GRIPLOCK/G-022	22	26	63	0.40
WH-GRIPLOCK/G-025	25	29	78	0.49
WH-GRIPLOCK/G-028	28	33	90	0.62
WH-GRIPLOCK/G-032	32	37	96	0.75
WH-GRIPLOCK/G-035	35	40	103	0.88
WH-GRIPLOCK/G-038	38	45	110	1.01
WH-GRIPLOCK/G-041	41	48	115	1.08
WH-GRIPLOCK/G-045	45	52	123	1.18
WH-GRIPLOCK/G-048	48	55	129	1.26
WH-GRIPLOCK/G-051	51	58	135	1.35
WH-GRIPLOCK/G-054	54	61	143	1.37
WH-GRIPLOCK/G-057	57	64	150	1.39
WH-GRIPLOCK/G-060	60	67	158	1.41
WH-GRIPLOCK/G-063	63	70	165	1.42
WH-GRIPLOCK/G-070	70	77	180	1.68
WH-GRIPLOCK/G-076	76	83	195	2.25
WH-GRIPLOCK/G-079	79	84	260	2.30
WH-GRIPLOCK/G-083	83	88	269	2.45
WH-GRIPLOCK/G-086	86	91	280	2.52
WH-GRIPLOCK/G-089	89	94	290	2.61
WH-GRIPLOCK/G-092	92	97	302	2.70
WH-GRIPLOCK/G-095	95	100	312	2.85
WH-GRIPLOCK/G-098	98	103	322	2.92
WH-GRIPLOCK/G-102	102	107	328	3.10
WH-GRIPLOCK/G-108	108	115	350	3.15
WH-GRIPLOCK/G-114	114	121	369	3.25
WH-GRIPLOCK/G-127	127	134	403	3.40
WH-GRIPLOCK/G-140	140	147	446	3.80
WH-GRIPLOCK/G-152	152	159	485	4.19
WH-GRIPLOCK/G-178	178	185	560	4.85
WH-GRIPLOCK/G-203	203	210	640	5.50
WH-GRIPLOCK/G-229	229	236	718	6.15
WH-GRIPLOCK/G-254	254	261	797	6.80
WH-GRIPLOCK/G-279	279	286	873	7.60
WH-GRIPLOCK/G-305	305	312	950	8.40
WH-GRIPLOCK/G-330	330	337	1030	8.98
WH-GRIPLOCK/G-356	356	363	1112	9.55
WH-GRIPLOCK/G-381	381	388	1188	10.25
WH-GRIPLOCK/G-406	406	413	1268	10.90
WH-GRIPLOCK/G-432	432	439	1348	11.60
WH-GRIPLOCK/G-457	457	464	1425	12.25

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GRIPLOCK 304 (316)

Material: AISI 304 S16 steel
(316 steel - the same parameters, code WH-GRIPLOCK/316...)

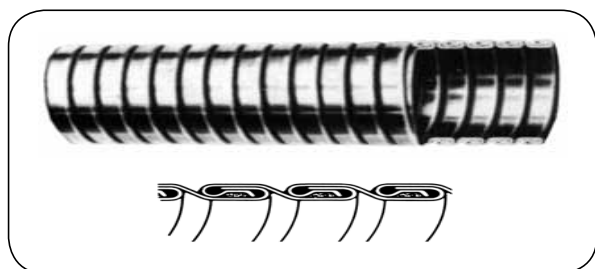
Working temp.: Up to +650°C

Flexible steel hose designed to transfer gas with fluid particles, smoke, fumes, dry loose materials (ash, dust, grain, granulated products). Widely used also as a protection hose. Assembled on exhaust outlets of engines to absorb vibration, noise and to limit thermal expansion. Standard version maintains shape. FLOPPY version that does not maintain shape is available up to 76 mm diameter (code example: WH-GRIPLOCK/304-006-F).

code	I.D. [mm]	O.D. [mm]	bending radius [mm]	weight [kg/m]
WH-GRIPLOCK/304-006	6	8	33	0.10
WH-GRIPLOCK/304-008	8	10	40	0.15
WH-GRIPLOCK/304-010	10	12	49	0.18
WH-GRIPLOCK/304-012	12	15	68	0.23
WH-GRIPLOCK/304-016	16	19	73	0.31
WH-GRIPLOCK/304-020	20	23	79	0.34
WH-GRIPLOCK/304-022	22	25	85	0.38
WH-GRIPLOCK/304-025	25	28	90	0.40
WH-GRIPLOCK/304-028	28	32	115	0.48
WH-GRIPLOCK/304-032	32	36	120	0.55
WH-GRIPLOCK/304-035	35	39	125	0.60
WH-GRIPLOCK/304-038	38	42	130	0.65
WH-GRIPLOCK/304-041	41	45	142	0.70
WH-GRIPLOCK/304-045	45	49	153	0.77
WH-GRIPLOCK/304-048	48	52	164	0.82
WH-GRIPLOCK/304-051	51	55	175	0.87
WH-GRIPLOCK/304-054	54	59	189	0.97
WH-GRIPLOCK/304-057	57	62	204	1.03
WH-GRIPLOCK/304-060	60	65	218	1.08
WH-GRIPLOCK/304-063	63	68	232	1.14
WH-GRIPLOCK/304-070	70	75	260	1.26
WH-GRIPLOCK/304-076	76	81	264	1.71
WH-GRIPLOCK/304-079	79	85	273	1.77
WH-GRIPLOCK/304-083	83	89	283	1.86
WH-GRIPLOCK/304-086	86	92	295	1.93
WH-GRIPLOCK/304-089	89	95	305	2.00
WH-GRIPLOCK/304-092	92	98	318	2.06
WH-GRIPLOCK/304-095	95	101	328	2.13
WH-GRIPLOCK/304-098	98	104	339	2.20
WH-GRIPLOCK/304-102	102	108	345	2.29
WH-GRIPLOCK/304-108	108	114	368	2.42
WH-GRIPLOCK/304-114	114	120	388	2.56
WH-GRIPLOCK/304-127	127	133	424	2.85
WH-GRIPLOCK/304-140	140	146	469	3.14
WH-GRIPLOCK/304-152	152	158	510	3.41
WH-GRIPLOCK/304-178	178	184	590	3.99
WH-GRIPLOCK/304-203	203	209	673	4.55
WH-GRIPLOCK/304-229	229	235	755	5.14
WH-GRIPLOCK/304-254	254	260	838	7.93
WH-GRIPLOCK/304-279	279	285	919	8.71
WH-GRIPLOCK/304-305	305	311	1000	9.52
WH-GRIPLOCK/304-330	330	336	1085	10.30
WH-GRIPLOCK/304-356	356	362	1169	11.11
WH-GRIPLOCK/304-381	381	387	1250	11.89
WH-GRIPLOCK/304-406	406	412	1334	12.67
WH-GRIPLOCK/304-432	432	438	1418	13.48
WH-GRIPLOCK/304-457	457	463	1500	14.26

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INTERLOCK G

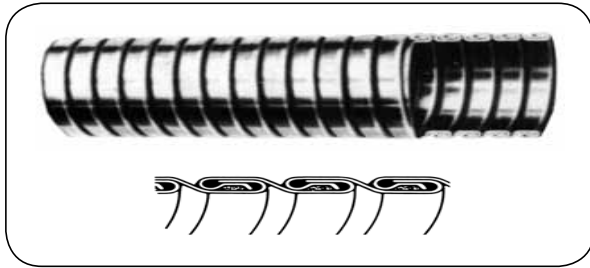
Material: Galvanized carbon steel
Seal: Copper wire (optionally cotton or rubber)
Working temp.: Up to +500°C (with copper wire seal)

Flexible steel hose designed to transfer dry loose materials (ash, dust, grain, granulated products). Widely used also as a protection hose and in various applications e.g. to absorb vibration, noise and to limit thermal expansion.

code	I.D. [mm]	O.D. [mm]	bending radius [mm]	weight [kg/m]
WH-INTERLOCK/G-020	20	25	100	0.59
WH-INTERLOCK/G-022	22	27	110	0.71
WH-INTERLOCK/G-025	25	30	125	0.86
WH-INTERLOCK/G-028	28	33	140	0.92
WH-INTERLOCK/G-032	32	37	160	1.00
WH-INTERLOCK/G-035	35	40	175	1.09
WH-INTERLOCK/G-038	38	43	190	1.19
WH-INTERLOCK/G-041	41	46	205	1.29
WH-INTERLOCK/G-045	45	50	225	1.39
WH-INTERLOCK/G-048	48	53	240	1.47
WH-INTERLOCK/G-051	51	56	255	1.59
WH-INTERLOCK/G-054	54	60	270	1.72
WH-INTERLOCK/G-057	57	63	285	1.84
WH-INTERLOCK/G-060	60	66	300	1.95
WH-INTERLOCK/G-063	63	69	315	2.08
WH-INTERLOCK/G-066	66	72	330	2.18
WH-INTERLOCK/G-070	70	76	350	2.26
WH-INTERLOCK/G-072	72	78	365	2.34
WH-INTERLOCK/G-076	76	82	380	2.41
WH-INTERLOCK/G-079	79	85	395	2.47
WH-INTERLOCK/G-083	83	89	415	2.52
WH-INTERLOCK/G-086	86	92	430	2.56
WH-INTERLOCK/G-089	89	95	445	2.69
WH-INTERLOCK/G-092	92	98	460	2.80
WH-INTERLOCK/G-095	95	101	475	2.86
WH-INTERLOCK/G-098	98	104	490	2.90
WH-INTERLOCK/G-102	102	108	510	2.96
WH-INTERLOCK/G-105	105	111	525	3.04
WH-INTERLOCK/G-108	108	114	540	3.10
WH-INTERLOCK/G-114	114	120	570	3.24
WH-INTERLOCK/G-121	121	127	605	3.38
WH-INTERLOCK/G-127	127	133	635	3.51
WH-INTERLOCK/G-130	130	136	650	3.58
WH-INTERLOCK/G-140	140	146	700	3.80
WH-INTERLOCK/G-152	152	158	760	4.07
WH-INTERLOCK/G-165	165	171	825	4.35
WH-INTERLOCK/G-178	178	184	890	4.62
WH-INTERLOCK/G-203	203	209	1015	5.17
WH-INTERLOCK/G-229	229	235	1145	5.72
WH-INTERLOCK/G-250	250	256	1250	6.26
WH-INTERLOCK/G-279	279	285	1395	6.80
WH-INTERLOCK/G-305	305	311	1525	7.31

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Seal: Copper wire (optionally cotton or rubber)

Working temp.: Up to +650°C (with copper wire seal)

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WH-INTERLOCK/304-025	25	30	125	0.60
WH-INTERLOCK/304-028	28	33	140	0.68
WH-INTERLOCK/304-032	32	37	160	0.75
WH-INTERLOCK/304-035	35	40	175	0.82
WH-INTERLOCK/304-038	38	43	190	0.90
WH-INTERLOCK/304-041	41	46	205	0.98
WH-INTERLOCK/304-045	45	50	225	1.02
WH-INTERLOCK/304-048	48	53	240	1.10
WH-INTERLOCK/304-051	51	56	255	1.19
WH-INTERLOCK/304-054	54	60	270	1.25
WH-INTERLOCK/304-057	57	63	285	1.35
WH-INTERLOCK/304-060	60	66	300	1.40
WH-INTERLOCK/304-063	63	69	315	1.45
WH-INTERLOCK/304-066	66	72	330	1.52
WH-INTERLOCK/304-070	70	76	350	1.60
WH-INTERLOCK/304-072	72	78	365	1.70
WH-INTERLOCK/304-076	76	82	380	1.78
WH-INTERLOCK/304-079	79	85	395	1.85
WH-INTERLOCK/304-083	83	89	415	1.90
WH-INTERLOCK/304-086	86	92	430	1.98
WH-INTERLOCK/304-089	89	95	445	2.05
WH-INTERLOCK/304-092	92	98	460	2.15
WH-INTERLOCK/304-095	95	101	475	2.20
WH-INTERLOCK/304-098	98	104	490	2.30
WH-INTERLOCK/304-102	102	108	510	2.38
WH-INTERLOCK/304-105	105	111	525	2.42
WH-INTERLOCK/304-108	108	114	540	2.50
WH-INTERLOCK/304-114	114	120	570	2.60
WH-INTERLOCK/304-127	127	133	635	2.85
WH-INTERLOCK/304-130	130	136	650	2.92
WH-INTERLOCK/304-140	140	146	700	3.10
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WH-INTERLOCK/304-203	203	209	1015	4.35
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WH-INTERLOCK/304-250	250	256	1250	5.60
WH-INTERLOCK/304-279	279	285	1395	6.25
WH-INTERLOCK/304-305	305	311	1525	6.85