

# SEALS, HOSES AND RUBBER MATS



- hardness 70-shore
- NBR=nitrile-rubber
- operating speed max. 10-12 m/s
- operating temperature -20 - +120 °C



Order numbers starting with OA



Order numbers starting with OAS



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OAS6167	6	16	7
OAS8227	8	22	7
OAS9227	9	22	7
OAS10227	10	22	7
OAS10247	10	24	7
OAS10267	10	26	7
OA11227	11	22	7
OAS12227	12	22	7
OAS12247	12	24	7
OAS12255	12	25	5
OAS12307	12	30	7
OA14247	14	24	7
OAS14287	14	28	7
OA14307	14	30	7
OAS15247	15	24	7
OAS15267	15	26	7
OAS15307	15	30	7
OAS15327	15	32	7
OAS15357	15	35	7
OA16247	16	24	7
OAS16287	16	28	7
OA16307	16	30	7
OA16327	16	32	7
OA16357	16	35	7
OAS17287	17	28	7
OAS17307	17	30	7
OA17327	17	32	7
OAS17358	17	35	8
OAS17407	17	40	7
OAS18307	18	30	7
OAS18327	18	32	7
OAS18357	18	35	7
OAS20307	20	30	7
OAS20327	20	32	7
OAS20357	20	35	7

ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OA20367	20	36	7
OAS20388	20	38	8
OAS20407	20	40	7
OAS20427	20	42	7
OAS20477	20	47	7
OAS204710	20	47	10
OAS20527	20	52	7
OAS22327	22	32	7
OAS22356	22	35	6
OA22388	22	38	8
OAS22407	22	40	7
OA24357	24	35	7
OA24377	24	37	7
OAS24407	24	40	7
OAS244710	24	47	10
OAS25357	25	35	7
OA25367	25	36	7
OA25377	25	37	7
OAS25407	25	40	7
OAS25427	25	42	7
OAS254510	25	45	10
OAS25477	25	47	7
OAS255010	25	50	10
OAS25527	25	52	7
OAS26367	26	36	7
OAS26377	26	37	7
OAS26428	26	42	8
OAS26477	26	47	7
OAS28387	28	38	7
OAS28407	28	40	7
OAS28477	28	47	7
OA28527	28	52	7
OA295010	29	50	10
OAS30407	30	40	7
OAS30428	30	42	8
OAS30458	30	45	8
OAS30477	30	47	7
OAS30507	30	50	7
OAS30527	30	52	7
OAS305510	30	55	10
OAS30627	30	62	7
OA307210	30	72	10

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Order numbers starting with OA



Order numbers starting with OAS



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OAS32427	32	42	7
OAS32457	32	45	7
OAS324710	32	47	10
OAS32488	32	48	8
OA325010	32	50	10
OAS32528	32	52	8
OAS325610	32	56	10
OA326210	32	62	10
OAS34477	34	47	7
OA346210	34	62	10
OAS35457	35	45	7
OAS35477	35	47	7
OAS355010	35	50	10
OAS35527	35	52	7
OAS35528	35	52	8
OAS35558	35	55	8
OAS355610	35	56	10
OA355810	35	58	10
OAS356010	35	60	10
OAS35628	35	62	8
OA356510	35	65	10
OA35686	35	68	6
OAS357210	35	72	10
OA36477	36	47	7
OAS36507	36	50	7
OA36527	36	52	7
OA36627	36	62	7
OA38527	38	52	7
OA38545	38	54	5
OAS38557	38	55	7
OAS385811	38	58	11
OAS38627	38	62	7
OA39760395	39,7	60,3	9,5
OAS40527	40	52	7
OAS40558	40	55	8
OAS40567	40	56	7
OAS405810	40	58	10
OAS406010	40	60	10
OAS40628	40	62	8
OA40727	40	72	7
OAS408010	40	80	10
OA409010	40	90	10
OAS425510	42	55	10
OAS42567	42	56	7

ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OAS42607	42	60	7
OAS42627	42	62	7
OAS426510	42	65	10
OA427010	42	70	10
OA42728	42	72	8
OAS45607	45	60	7
OAS456210	45	62	10
OAS456510	45	65	10
OAS456812	45	68	12
OA457010	45	70	10
OAS45728	45	72	8
OAS457510	45	75	10
OA458010	45	80	10
OAS458510	45	85	10
OA48628	48	62	8
OAS48728	48	72	8
OAS50627	50	62	7
OAS50658	50	65	8
OAS50689	50	68	9
OAS507010	50	70	10
OAS50729	50	72	9
OAS508010	50	80	10
OA508510	50	85	10
OAS509010	50	90	10
OAS52688	52	68	8
OAS527212	52	72	12
OAS557010	55	70	10
OAS557210	55	72	10
OAS557510	55	75	10
OAS558010	55	80	10
OA558510	55	85	10
OA559010	55	90	10
OA56708	56	70	8
OA56808	56	80	8
OAS56858	56	85	8
OAS587210	58	72	10
OAS58808	58	80	8
OAS60758	60	75	8
OAS608010	60	80	10
OAS608510	60	85	10
OAS609010	60	90	10
OAS609510	60	95	10
OA6010010	60	100	10

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- NBR=nitrile-rubber
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- operating temperature -20 - +120 °C



Order numbers starting with OA



Order numbers starting with OAS



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OAG28010	62	80	10
OAS628510	62	85	10
OA629010	62	90	10
OA638510	63	85	10
OA639010	63	90	10
OA64808	64	80	8
OA65808	65	80	8
OAS658510	65	85	10
OAS659010	65	90	10
OAS6510010	65	100	10
OAS689010	68	90	10
OAS6810010	68	100	10
OAS709010	70	90	10
OAS709513	70	95	13
OAS7010010	70	100	10
OA729510	72	95	10
OAS759510	75	95	10
OAS7510010	75	100	10
OA7810010	78	100	10
OAS8010010	80	100	10
OAS8010513	80	105	13
OAS8011012	80	110	12
OAS8510513	85	105	13
OAS8511012	85	110	12
OAS8512012	85	120	12
OAS9011012	90	110	12
OA901159	90	115	9
OAS9012012	90	120	12
OA9013013	90	130	13
OAS9511513	95	115	13
OAS9512012	95	120	12
OAS10012012	100	120	12
OAS10012512	100	125	12
OAS10013012	100	130	12
OAS10512513	105	125	13
OA10514012	105	140	12

ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OAS11013013	110	130	13
OA11013512	110	135	12
OA11014012	110	140	12
OA11015015	110	150	15
OAS11514013	115	140	13
OAS12015012	120	150	12
OAS12016012	120	160	12
OAS12515012	125	150	12
OAS13016012	130	160	12
OAS13516012	135	160	12
OAS14017015	140	170	15
OAS14517012	145	170	12
OAS15018015	150	180	15
OAS16019015	160	190	15
OAS17020015	170	200	15

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Order numbers starting with OA



Order numbers starting with OAS



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OA9522263	9,52	22,22	6,3
OA14325463	14,28	25,40	6,3
OA14328663	14,28	28,57	6,3
OA15925463	15,87	25,40	6,3
OA19128663	19,05	28,57	6,3
OA19131863	19,05	31,75	6,3
OA19134963	19,05	34,92	6,3
OA19138163	19,05	38,10	6,3
OA22234963	22,22	34,92	6,3
OA22238163	22,22	38,10	6,3
OA22241395	22,22	41,27	9,5
OA23838195	23,81	38,10	9,5
OA25450863	25,40	50,80	6,3
OA28638163	28,57	38,10	6,3
OA28641379	28,57	41,27	7,9
OA28644595	28,57	44,45	9,5
OA28647463	28,57	47,42	6,3
OA28650895	28,57	50,80	9,5
OA30250863	30,16	50,80	6,3
OA31844563	31,75	44,45	6,3
OA31850879	31,75	50,80	7,9
OA31854079	31,75	53,97	7,9
OA33347679	33,30	47,62	7,9
OA34947679	34,92	47,62	7,9
OA34950879	34,92	50,80	7,9
OA34954079	34,92	53,97	7,9
OA34957295	34,92	57,15	9,5
OA38150863	38,10	50,80	6,3
OA38160395	38,10	60,32	9,5

ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OA41360379	41,27	60,33	7,9
OA41363595	41,27	63,50	9,52
OA42963595	42,86	63,50	9,5
OA44563579	44,45	63,50	7,9
OA44569995	44,45	69,85	9,5
OA47663579	47,62	63,50	7,9
OA47666695	47,63	66,62	9,5
OA49269995	49,21	69,85	9,5
OA50868395	50,80	68,26	9,5
OA50869995	50,80	69,85	9,5
OA54076295	53,97	76,20	9,5
OA57276295	57,15	76,20	9,5
OA572779119	57,15	77,90	11,9
OA60379495	60,32	79,40	9,5
OA63582695	63,50	82,55	9,5
OA63588995	63,50	88,90	9,5
OA635953127	63,50	95,25	12,7
OA667889127	66,67	88,90	12,7
OA667921127	66,67	92,07	12,7
OA69988995	69,85	88,90	9,5
OA699953127	69,85	95,25	12,7
OA762101695	76,20	101,60	9,5

## METAL FRAME SWEEP RINGS

- hardness NBR 90-shore
- nitrile-rubber
- operating temperature -30 - +100 °C



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OGA16268	16	26	5/8
OGA203010	20	30	7/10
OGA22289	22	28	5/9
OGA223210	22	32	7/10
OGA25358	25	35	5/8
OGA253510	25	35	7/10
OGA284010	28	40	7/10
OGA30408	30	40	5/8
OGA304010	30	40	7/10
OGA32458	32	45	4/8
OGA324510	32	45	7/10
OGA354510	35	45	7/10
OGA364610	36	46	7/10
OGA40508	40	50	5/8
OGA405010	40	50	7/10
OGA455510	45	55	7/10
OGA456010	45	60	7/10

ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OGA50568	50	56	5/8
OGA50608	50	60	5/8
OGA506010	50	60	7/10
OGA50658	50	65	5/8
OGA506510	50	65	7/10
OGA556510	55	65	7/10
OGA566610	56	66	7/10
OGA607010	60	70	7/10
OGA60748	60	74	5/8
OGA657510	65	75	7/10
OGA708010	70	80	7/10
OGA758510	75	85	7/10
OGA859510	85	95	7/10
OGA9510510	95	105	7/10
OGA10011010	100	110	7/10
OGA10511510	105	115	7/10
OGA14015512	140	155	9/12

## POLYURETHANE SWEEP RINGS

- operating temperature -30 - +110 °C



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OGH22307	22	30	7
OGH25337	25	33	7
OGH28367	28	36	7
OGH30387	30	38	7
OGH32407	32	40	7
OGH36447	36	44	7

ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OGH40487	40	48	7
OGH45557	45	55	7
OGH50607	50	60	7
OGH56667	56	66	7
OGH63737	63	73	7

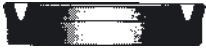
- operating temperature -30 - +120 °C
- operating pressure max. 400 bar



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OUN5125	5	12	5
OUN10164	10	16	4
OUN10186	10	18	6
OUN10208	10	20	8
OUN12186	12	18	6
OUN12228	12	22	8
OUN14248	14	24	8
OUN16224	16	22	4
OUN16268	16	26	8
OUN18268	18	26	8
OUN18288	18	28	8
OUN18308	18	30	8
OUN20308	20	30	8
OUN203010	20	30	10
OUN204010	20	40	10
OUN22328	22	32	8
OUN253310	25	33	10
OUN25358	25	35	8
OUN253510	25	35	10
OUN254010	25	40	10
OUN28365	28	36	5
OUN28388	28	38	8
OUN284010	28	40	10
OUN30408	30	40	8
OUN304010	30	40	10
OUN304210	30	42	10
OUN304510	30	45	10
OUN305012	30	50	12
OUN324210	32	42	10
OUN324510	32	45	10
OUN354510	35	45	10
OUN355510	35	55	10
OUN364510	36	45	10
OUN404811	40	48	11
OUN405010	40	50	10
OUN405510	40	55	10
OUN406010	40	60	10
OUN42508	42	50	8
OUN455510	45	55	10
OUN456010	45	60	10
OUN456512	45	65	12

ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OUN506010	50	60	10
OUN506012	50	60	12
OUN50658	50	65	8
OUN506510	50	65	10
OUN507010	50	70	10
OUN507012	50	70	12
OUN556510	55	65	10
OUN556512	55	65	12
OUN557012	55	70	12
OUN557512	55	75	12
OUN606812	60	68	12
OUN607010	60	70	10
OUN607012	60	70	12
OUN607510	60	75	10
OUN608010	60	80	10
OUN637512	63	75	12
OUN657512	65	75	12
OUN658012	65	80	12
OUN658510	65	85	10
OUN658512	65	85	12
OUN659012	65	90	12
OUN708512	70	85	12
OUN709010	70	90	10
OUN709012	70	90	12
OUN758512	75	85	12
OUN759510	75	95	10
OUN8010012	80	100	12
OUN8510012	85	100	12
OUN8510512	85	105	12
OUN9011012	90	110	12
OUN9510512	95	105	12
OUN9511012	95	110	12
OUN10012012	100	120	12
OUN10012512	100	125	12
OUN11013015	110	130	15

## RUBBER GROOVED RINGS



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
<b>OUK25355</b>	25	35	5
<b>OUK305012</b>	30	50	12
<b>OUK506512</b>	50	65	12

## RUBBER GROOVED RINGS

- support ring
- fabric-reinforcing



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
<b>OUT486310</b>	48	63	10

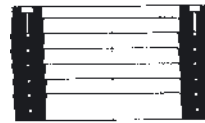
## 1-ACTING PISTON SEAL



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
<b>OMA608012</b>	60	80	12,5
<b>OMA759513</b>	75	95	13
<b>OMA9011012</b>	90	110	12,5
<b>OMA9511512</b>	95	115	12,5
<b>OMA10012515</b>	100	125	15,5

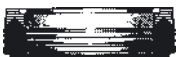
## PACKING SEAL

- operating temp. -30 - +120 °C
- operating pres. max. 400 bar



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
<b>OPA354722</b>	35	47	22,5
<b>OPA405522</b>	40	55	22,5
<b>OPA456022</b>	45	60	22,5
<b>OPA506522</b>	50	65	22,5
<b>OPA507030</b>	50	70	30
<b>OPA567622</b>	56	76	22
<b>OPA607522</b>	60	75	22,5
<b>OPA608032</b>	60	80	32
<b>OPA709030</b>	70	90	30
<b>OPA8510022</b>	85	100	22,5

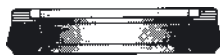
## PISTON ROD SEAL



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
<b>OGM507030</b>	50	70	30
<b>OGM9011030</b>	90	110	30

## PISTON ROD SEAL

- inner support ring
- operating temp. -40 - +110 °C
- operating pressure max. 350 bar



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OVA20308	20,0	30,0	8,0
OVA25358	25,0	35,0	8,0
OVA25389	25,0	38,0	9,5
OVA28388	28,0	38,0	8,0
OVA30407	30,0	40,0	7,0
OVA304010	30,0	40,0	10,0
OVA32408	32,0	40,0	8,5
OVA32428	32,0	42,0	8,0
OVA34509	34,9	50,8	9,5
OVA35458	35,0	45,0	8,0
OVA354510	35,0	45,0	10,5
OVA36468	36,0	46,0	8,0
OVA36488	36,0	48,0	8,0
OVA405010	40,0	50,0	10,5
OVA40557	40,0	55,0	7,5
OVA405510	40,0	55,0	10,5
OVA455510	45,0	55,0	10,5
OVA506010	50,0	60,0	10,5
OVA506510	50,0	65,0	10,5
OVA556510	55,0	65,0	10,5
OVA607010	60,0	70,0	10,5
OVA607012	60,0	70,0	12,5
OVA607512	60,0	75,0	12,5
OVA657513	65,0	75,0	13,0
OVA658514	65,0	85,0	14,0
OVA708512	70,0	85,0	12,0
OVA709014	70,0	90,0	14,0
OVA759514	75,0	95,0	14,0
OVA8010014	80,0	100,0	14,0

## PISTON ROD SEAL

- operating temp. -40 - +110 °C
- operating pressure max. 350 bar



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OVB18266	18	26	6,4
OVB20286	20	28	6,4
OVB22306	22	30	6,4
OVB25336	25	33	6,4
OVB30386	30	38	6,4
OVB32406	32	40	6,4
OVB35436	35	43	6,4
OVB40486	40	48	6,4
OVB45558	45	55	8
OVB50608	50	60	8

## PISTON ROD SEAL

- operating temperature -40 - +110 °C
- operating pressure max. 350 bar



ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OVC253510	25	35	10
OVC60729	60	72	9,5

## PISTON SEAL

- operating temperature -40 - +110 °C
- operating pressure max. 400 bar



Order numbers starting with OPM



Order numbers starting with OPL



Order numbers starting with OPS

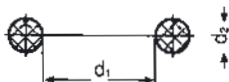


ODO10812526  
polyurethane o-ring  
inside

ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OPM244018	24	40	18,4
OPL264015	26	40	15,5
OPS324015	32	40	15,5
OPM345018	34	50	18,4
OPL345020	34	50	20,5
OPS385020	38	50	20,5
OPM395518	39	55	18,4
OPM446018	44	60	18,4
OPL446020	44	60	20,5
OPM476319	47	63	19,4
OPL476320	47	63	20,5
OPS486020	48	60	20,5
OPM506518	50	65	18,4
OPM507022	50	70	22,4
OPS516320	51	63	20,5
OPL547020	54	70	20,5
OPM557522	55	75	22,4

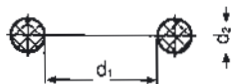
ORDER NUMBER	INNER DIAM. mm	OUTER DIAM. mm	WIDTH mm
OPM608022	60	80	22,4
OPL628022	62	80	22,5
OPM658522	65	85	22,4
OPS668022	66	80	22,5
OPM709022	70	90	22,4
OPM7510022	75	100	22,4
OPS769022	76	90	22,5
OPS8610022	86	100	22,5
OPM9011522	90	115	22,4
OPM10012525	100	125	25,4
OPM10513025	105	130	25,4
OPM11514025	115	140	25,4

- hardness 70-shore
- NBR=nitrile rubber
- oil resistant
- operating temperature -40 - +110 °C



ORDER NUMBER	INNER DIAM. mm	THICKNESS mm	ORDER NUMBER	INNER DIAM. mm	THICKNESS mm	ORDER NUMBER	INNER DIAM. mm	THICKNESS mm
OR4020	4,00	2,00	OR15020	15,00	2,00	OR24040	24,00	4,00
OR4324	4,30	2,40	OR15025	15,00	2,50	OR24230	24,20	3,00
OR4518	4,47	1,78	OR15030	15,00	3,00	OR25020	25,00	2,00
OR5020	5,00	2,00	OR15126	15,08	2,62	OR25035	25,00	3,53
OR5116	5,10	1,60	OR15116	15,10	1,60	OR25040	25,00	4,00
OR5324	5,30	2,40	OR15324	15,30	2,40	OR25050	25,00	5,00
OR6020	6,00	2,00	OR15526	15,54	2,62	OR25116	25,10	1,60
OR6118	6,07	1,78	OR15618	15,60	1,78	OR25126	25,07	2,62
OR61016	6,10	1,60	OR16020	16,00	2,00	OR25835	25,80	3,53
OR6324	6,30	2,40	OR16030	16,00	3,00	OR26230	26,20	3,00
OR6818	6,75	1,78	OR16116	16,10	1,60	OR26635	26,58	3,53
OR7020	7,00	2,00	OR16324	16,30	2,40	OR26726	26,65	2,62
OR7025	7,00	2,50	OR17025	17,00	2,50	OR26718	26,70	1,78
OR7116	7,10	1,60	OR17030	17,00	3,00	OR27030	27,00	3,00
OR7324	7,30	2,40	OR17040	17,00	4,00	OR27116	27,10	1,60
OR7718	7,65	1,78	OR17116	17,10	1,60	OR27324	27,30	2,40
OR8020	8,00	2,00	OR17126	17,12	2,62	OR28020	28,00	2,00
OR8030	8,00	3,00	OR17218	17,17	1,78	OR28235	28,17	3,53
OR8116	8,10	1,60	OR17324	17,30	2,40	OR28226	28,24	2,62
OR8324	8,30	2,40	OR17926	17,86	2,62	OR29020	29,00	2,00
OR9020	9,00	2,00	OR18020	18,00	2,00	OR29116	29,10	1,60
OR9025	9,00	2,50	OR18025	18,00	2,50	OR29230	29,20	3,00
OR9226	9,19	2,62	OR18030	18,00	3,00	OR29826	29,82	2,62
OR9318	9,25	1,78	OR18726	18,72	2,62	OR30020	30,00	2,00
OR9324	9,30	2,40	OR18818	18,77	1,78	OR30230	30,20	3,00
OR9926	9,92	2,62	OR19025	19,00	2,50	OR30324	30,30	2,40
OR10020	10,00	2,00	OR19126	19,05	2,62	OR31230	31,20	3,00
OR10025	10,00	2,50	OR20020	20,00	2,00	OR31335	31,34	3,53
OR10030	10,00	3,00	OR20040	20,00	4,00	OR31426	31,42	2,62
OR10324	10,30	2,40	OR20116	20,10	1,60	OR31518	31,47	1,78
OR11118	11,10	1,78	OR20235	20,22	3,53	OR32020	32,00	2,00
OR11324	11,30	2,40	OR20326	20,29	2,62	OR32230	32,20	3,00
OR11926	11,91	2,62	OR20324	20,30	2,40	OR32935	32,92	3,53
OR12020	12,00	2,00	OR20418	20,35	1,78	OR33020	33,00	2,00
OR12025	12,00	2,50	OR21130	21,10	3,00	OR33324	33,30	2,40
OR12030	12,00	3,00	OR21835	21,82	3,53	OR34230	34,20	3,00
OR12116	12,10	1,60	OR21926	21,90	2,62	OR34535	34,52	3,53
OR12324	12,30	2,40	OR22018	21,95	1,78	OR35230	35,20	3,00
OR12418	12,42	1,78	OR22020	22,00	2,00	OR36135	36,10	3,53
OR13020	13,00	2,00	OR22116	22,10	1,60	OR36230	36,20	3,00
OR13116	13,10	1,60	OR22230	22,20	3,00	OR37230	37,20	3,00
OR13324	13,30	2,40	OR22226	22,22	2,62	OR37735	37,69	3,53
OR14026	13,95	2,62	OR23020	23,00	2,00	OR37826	37,77	2,62
OR14020	14,00	2,00	OR23030	23,00	3,00	OR37818	37,82	1,78
OR14025	14,00	2,50	OR23324	23,30	2,40			
OR14030	14,00	3,00	OR23435	23,39	3,53			
OR14116	14,10	1,60	OR23526	23,47	2,62			
OR14324	14,30	2,40	OR23518	23,52	1,78			

- hardness 70-shore
- NBR=nitrile rubber
- oil resistant
- operating temperature -40 - +110 °C



ORDER NUMBER	INNER DIAM. mm	THICKNESS mm
OR38020	38,00	2,00
OR38040	38,00	4,00
OR39230	39,20	3,00
OR39257	39,20	5,70
OR39426	39,35	2,62
OR39518	39,45	1,78
OR39735	39,69	3,53
OR40020	40,00	2,00
OR40230	40,20	3,00
OR40935	40,87	3,53
OR40926	40,94	2,62
OR41257	41,20	5,70
OR41335	41,28	3,53
OR42020	42,00	2,00
OR42230	42,20	3,00
OR42935	42,86	3,53
OR43853	43,81	5,33
OR44126	44,12	2,62
OR44230	44,20	3,00
OR44257	44,20	5,70
OR44535	44,45	3,53
OR45020	45,00	2,00
OR45230	45,20	3,00
OR45726	45,70	2,62
OR46035	46,04	3,53
OR46230	46,20	3,00
OR47020	47,00	2,00
OR47053	47,00	5,33
OR47235	47,22	3,53
OR47257	47,20	5,70
OR48040	48,00	4,00
OR49257	49,20	5,70
OR49530	49,50	3,00
OR50230	50,20	3,00
OR52020	52,00	2,00
OR52126	52,07	2,62
OR52435	52,40	3,53
OR53353	53,34	5,33
OR53635	53,57	3,53
OR54050	54,00	5,00
OR54257	54,20	5,70
OR54530	54,50	3,00
OR55635	55,60	3,53
OR56230	56,20	3,00
OR56735	56,74	3,53
OR57235	57,15	3,53
OR57230	57,20	3,00
OR57257	57,20	5,70
OR58426	58,42	2,62

ORDER NUMBER	INNER DIAM. mm	THICKNESS mm
OR59257	59,20	5,70
OR59530	59,50	3,00
OR60020	60,00	2,00
OR60230	60,20	3,00
OR62230	62,20	3,00
OR62257	62,20	5,70
OR62953	62,87	5,33
OR64257	64,20	5,70
OR64530	64,50	3,00
OR64826	64,77	2,62
OR65135	65,09	3,53
OR66053	66,04	5,33
OR66335	66,27	3,53
OR67257	67,20	5,70
OR69530	69,50	3,00
OR69935	69,85	3,53
OR70020	70,00	2,00
OR70040	70,00	4,00
OR71257	71,20	5,70
OR72635	72,62	3,53
OR74257	74,20	5,70
OR74530	74,50	3,00
OR75040	75,00	4,00
OR75918	75,92	1,78
OR76230	76,20	3,00
OR79035	78,97	3,53
OR79257	79,20	5,70
OR79530	79,50	3,00
OR82135	82,14	3,53
OR82226	82,22	2,62
OR84257	84,20	5,70
OR84530	84,50	3,00
OR85020	85,00	2,00
OR85050	85,00	5,00
OR89257	89,20	5,70
OR89530	89,50	3,00
OR90025	90,00	2,50
OR91735	91,67	3,53
OR92030	92,00	3,00
OR92040	92,00	4,00
OR94257	94,20	5,70
OR94530	94,50	3,00
OR94935	94,85	3,53
OR96030	96,00	3,00
OR98035	98,02	3,53
OR99257	99,20	5,70
OR99530	99,50	3,00

ORDER NUMBER	INNER DIAM. mm	THICKNESS mm
OR100020	100,00	2,00
OR100050	100,00	5,00
OR104435	104,37	3,53
OR104530	104,50	3,00
OR105050	105,00	5,00
OR106053	106,00	5,30
OR107535	107,54	3,54
OR107626	107,63	2,62
OR109530	109,50	3,00
OR113753	113,67	5,33
OR113935	113,89	3,53
OR114357	114,30	5,70
OR114530	114,50	3,00
OR117135	117,50	3,53
OR119357	119,30	5,70
OR119530	119,50	3,00
OR120050	120,00	5,00
OR123435	123,42	3,53
OR124357	124,30	5,70
OR129357	129,30	5,70
OR129835	129,77	3,53
OR131257	131,20	5,70
OR133035	132,95	3,53
OR134530	134,50	3,00
OR139335	139,30	3,53
OR139357	139,30	5,70
OR139530	139,5	3,00
OR144530	144,50	3,00
OR149357	149,30	5,70
OR158335	158,34	3,53
OR164735	164,70	3,53
OR185050	185,00	5,00
OR186030	186,00	3,00
OR189357	189,30	5,70
OR196535	196,45	3,53



## O-RING ASSORTMENT X008210

- 225-pcs
- 18 different ring sizes
- sizes: 3 x 1 mm - 22 x 2 mm
- packing size: 1/50



## O-RING ASSORTMENT 48-pcs NBR 70 SH ORKIT48

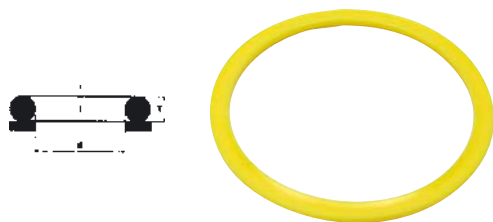
PCS		PCS	
2	6,00 x 1,50	2	18,00 x 2,00
2	8,00 x 1,50	2	20,00 x 2,00
2	10,00 x 1,50	2	22,00 x 2,00
2	12,00 x 1,50	2	28,00 x 2,00
2	14,00 x 1,50	2	30,00 x 2,00
2	16,00 x 1,50	2	18,00 x 3,00
2	18,00 x 1,50	2	20,20 x 3,00
2	20,00 x 1,50	2	24,20 x 3,00
2	10,00 x 2,00	2	26,20 x 3,00
2	12,00 x 2,00	2	50,00 x 5,00
2	14,00 x 2,00	2	55,00 x 5,00
2	16,00 x 2,00	2	65,00 x 5,00



## O-RING ASSORTMENT IKH7092

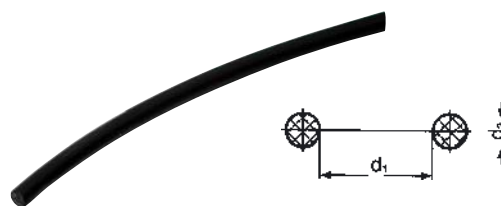
- 419-pcs
- 32 different sizes
- sizes: 3 x 1,5 mm - 50 x 3,5 mm (inner diameter x width of ring)
- 70 shore
- packing size: 1/24

## SUPPORT RING FOR O-RINGS



ORDER NUMBER	INNER DIAMETER mm	WIDTH mm
OTR1320	13,00	2,00
OTR2023	20,00	2,25
OTR2030	20,00	3,00
OTR3025	30,00	2,50
OTR3525	35,00	2,50
OTR5025	50,00	2,50
OTR6050	60,00	5,00
OTR6525	65,00	2,50
OTR7525	75,00	2,50
OTR7550	75,00	5,00
OTR8050	80,00	5,00
OTR8550	85,00	5,00
OTR9025	90,00	2,50
OTR9050	90,00	5,00
OTR10050	100,00	5,00
OTR11050	110,00	5,00

## O-RING BAND NBR 70 SH



ORDER NUMBER	THICKNESS
ORN20	2,00
ORN25	2,50
ORN30	3,00
ORN35	3,53
ORN40	4,00
ORN50	5,00
ORN53	5,33
ORN57	5,70
ORN60	6,00
ORN70	7,00
ORN80	8,00
ORN100	10,00
ORN120	12,00

## SPLASHBOARD RUBBER

- single-textured
- width 60 cm
- roll size 10 m
- sold in meters



ORDER NUMBER	THICKNESS	WIDTH
<b>RLK005</b>	5 mm	60 cm
<b>RLK005-15</b>	5 mm	15 cm
<b>RLK005-20</b>	5 mm	20 cm
<b>RLK006</b>	6 mm	60 cm

## RUBBER PLATE NITRILE NBR

- excellent resistant against fuel and oil
- sold in meters, roll size 10 m



ORDER NUMBER	THICKNESS	WIDTH
<b>KLN015</b>	1,5 mm	1400 mm
<b>KLN030</b>	3,0 mm	1400 mm

## PACKING PAPER

- max. temperature + 120°C
- size 50 x 33 cm, package 10 pcs
- suitable for oil, fuel etc.
- not for packing steam



ORDER NUMBER	THICKNESS
<b>OT8000103</b>	0,25 mm
<b>OT8000105</b>	0,5 mm
<b>OT8000108</b>	0,8 mm
<b>OT8000110</b>	1,0 mm

## RUBBER CORK PLATE

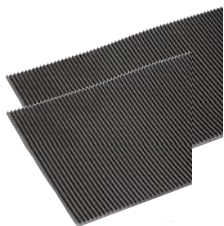
- max. temperature + 110°C
- size 50 x 33 cm, package 2 pcs
- suitable for oil, water etc.



ORDER NUMBER	THICKNESS
<b>OT8000210</b>	1,0 mm
<b>OT8000215</b>	1,5 mm
<b>OT8000220</b>	2,0 mm
<b>OT8000225</b>	2,5 mm
<b>OT8000230</b>	3,0 mm

## RUBBER MAT GROOVED SBR

- sold in meters, roll size 10 m



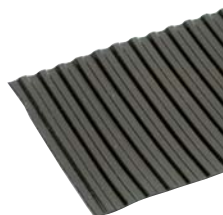
### Narrow groove

#### KMR030

- black
- thickness 3,0 mm
- width 1200 mm

#### KMR030H

- grey
- thickness 3,0 mm
- width 1200 mm



### Wide groove

#### KMR035

- black
- thickness 3,5 mm
- width 1300 mm



### Ribbed mat

#### KMS060

- black
- thickness 6,0 mm
- width 1200 mm

## ASBESTOS-FREE PACKING MATERIAL 50x37 cm

- max. temperature + 400°C
- suitable for cylinder head seals, exhaust pipings etc.

#### OT8000407

- thickness 0,7 mm

#### OT8000412

- thickness 1,2 mm



## FABRIC-REINFORCED PVC/POLYESTER HOSE ToppClear



- transparent pressure hose for continuous pressure, for transferring air and liquids
- general purpose hose for industry
- reel size 25 m
- for transferring drinking water, commission directive 2002/72/E4
- operating pressure: sizes 4-32 mm: 10 bar/20 °C SFS 5408  
sizes 38-50 mm: 6 bar/20 °C SFS 5408
- operating temperature -20 - +60 °C

ORDER NO. METER	ORDER NO. REEL 25 M	INNER/OUTER DIAMETER
TOPP04	TOPP04A	4 x 10,0 mm
TOPP06	TOPP06A	6 x 12,0 mm
TOPP08	TOPP08A	8 x 14,0 mm
TOPP10	TOPP10A	10 x 16,0 mm
TOPP12	TOPP12A	12 x 18,0 mm
TOPP16	TOPP16A	16 x 22,0 mm
TOPP19	TOPP19A	19 x 25,0 mm
TOPP25	TOPP25A	25 x 32,0 mm
TOPP32	TOPP32A	32 x 40,0 mm
TOPP38	TOPP38A	38 x 47,0 mm
TOPP50	TOPP50A	50 x 60,0 mm

## FABRIC-REINFORCED HOSE ToppAir



- pressure hose for demanding user: building construction, industrial production and property facilities management
- PVC/nitrile-butadiene rubber compound/polyester
- reel size 25 m
- brittleness - 40 °C ASTM D 746
- operating pressure 20 bar/20 °C
- operating temperature -20 - +60°C

ORDER NO. METER	INNER/OUTER DIAMETER
TOPPA06	6 x 11,0 mm
TOPPA08	8 x 13,0 mm
TOPPA10	10 x 16,0 mm
TOPPA12	12 x 18,0 mm
TOPPA16	16 x 23,0 mm
TOPPA19	19 x 26,0 mm
TOPPA25	25 x 33,0 mm

## HIGH-PRESSURE HOSE ToppPress



- multiple use hose for continuous pressure
- reel size 30 m
- operating pressure 20 bar/20 °C
- operating temperature -20 - +60°C
- colour: blue from outside, black from inside
- material PVC/polyester

ORDER NO. METER	ORDER NO. REEL 10 M	INNER/OUTER DIAMETER
TOPPR10	TOPPR10A	10,0 x 15,0 mm
TOPPR12	TOPPR12A	12,5 x 17,5 mm
TOPPR16	TOPPR16A	16,0 x 21,0 mm

## WATERING HOSE GREEN ToppGreen



- PVC/polyester
- green, traditional watering hose for continuous pressure
- for transferring drinking water, directive 2007/72/EC
- reel size 25 m
- operating pressure 6 bar/20 °C SFS 5408
- operating temperature -20 - +60°C

ORDER NO. METER	ORDER NO. REEL 25 M	INNER/OUTER DIAMETER
TOPPG12	TOPPG12A	12 x 16,0 mm
TOPPG16	TOPPG16A	16 x 20,0 mm
TOPPG19	TOPPG19A	19 x 24,0 mm
TOPPG25	TOPPG25A	25 x 31,0 mm

## PRESSURE HOSE ToppPur



- ester based polyurethane/polyester
- reel size 30 m
- light, extremely wear-resistant pressure hose
- fuel resistant
- operating pressure 20 bar/20 °C SFS 5408
- operating temperature -40 - +70 °C

ORDER NO. METER	INNER/OUTER DIAMETER
TOPPP08	8 x 13,0 mm
TOPPP10	10 x 15,0 mm
TOPPP12	12 x 17,0 mm
TOPPP10A	10 x 15,0 mm x 15 m with hose clamps

## TRANSPARENT PVC-HOSE

- unreinforced
- reel size 25 m
- suitable for submersible pumps, balance hose, building construction and cabins
- minor pressure resistance
- for transferring air and liquids



ORDER NO. METER	INNER/OUTER DIAMETER
NL53004	4 x 7,0 mm, 50 m reel
NL53005	5 x 8,2 mm
NL53006	6 x 9,6 mm
NL53008	8 x 11,6 mm
NL53009	9 x 12,6 mm
NL53011	11 x 14,8 mm
NL53012	12 x 15,5 mm
NL53016	16 x 20,2 mm
NL53019	19 x 23,6 mm
NL53025	25 x 30,2 mm

## RUBBER OIL HOSE

- for hydraulic's transfer hose, refuelling hose
- for diesel and mineral oils, also to be used as a water hose
- reel size 50 m
- operating pressure 10 bar
- operating temp. -20 - +80 °C



ORDER NO. METER	INNER/OUTER DIAMETER
NL52006	6 x 13 mm
NL52008	8 x 15 mm
NL52010	10 x 17 mm
NL52013	13 x 20 mm
NL52015	16 x 23 mm
NL52019	19 x 27 mm
NL52025	25 x 35 mm
NL52032	32 x 42 mm

- two fabrics in spiral
- for hydraulic's suction and transfer hose, also for low pressure hydraulics (according to SAE100R4)
- reel size 40 m
- operating temperature -40 - +100 °C
- operating pressure 10 bar

ORDER NO. METER	INNER/OUTER DIAMETER
NL52038	38 x 50 mm
NL52050	51 x 64 mm

## RUBBER PRESSURE/WATER HOSE

- air pressure use 15 bar
- reel size 50 m
- partly oil-resistant, to be used as a water hose
- operating temperature -30 - +70 °C



ORDER NO. METER	INNER/OUTER DIAMETER
NL59008	8 x 15,0 mm
NL59010	10 x 17,0 mm
NL59013	13 x 21,0 mm
NL59016	16 x 26,0 mm
NL59019	19 x 29,0 mm
NL59025	25 x 36,0 mm

## FUEL HOSE

- metal reinforced
- inner tube oil-resistant rubber
- reel size 20 m
- operating temperature -40 - +80 °C



ORDER NO. METER	INNER/OUTER DIAMETER	OPERATING PRESSURE
NL60005	4,5 x 9,5 mm	30 bar
NL60006	5,5 x 10,5 mm	30 bar
NL60008	7,5 x 12,5 mm	24 bar
NL60009	9,5 x 15,0 mm	20 bar
NL60011	11,0 x 17,5 mm	20 bar

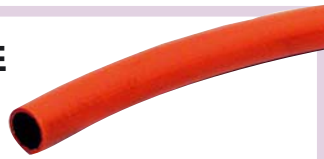
## FUEL HOSE

- synthetic textile fabric
- resists unleaded and leaded fuel and diesel
- reel size 15 m
- operating temperature -20 - +80 °C
- NL61003 textile braid



ORDER NO. METER	INNER/OUTER DIAMETER	OPERATING PRESSURE
NL61003	3,2 x 7,0 mm	6 bar
NL61004	4,0 x 9,0 mm	10 bar
NL61005	5,0 x 10,0 mm	10 bar
NL61006	6,0 x 13,0 mm	10 bar
NL61008	7,5 x 14,5 mm	10 bar
NL61009	10,0 x 16,0 mm	10 bar

## LIQUID GAS HOSE



**6,0 mm**      **10,0 mm**  
**HT500073**    **HT500074**

## GAS-WELDING HOSE

- double hose oxygen/acetylene



**6,0 mm**      **8,0 mm**  
**HT500070**    **HT500071**

## CABLE DUCTS

- material self-extinguishing polypropen
- fire classification according to DIN 75200
- operating temperature (continuous) -40°->+120°C, instantaneous -> +150°C
- resists fuel, lubricants, greases, alcohol and solvents up to 60°C
- "soft" version



ORDER NUMBER	INNER/OUTER DIAMETER	PACKING SIZE
NL65010	10,1 / 12,7 mm	50 m
NL65013	12,9 / 15,8 mm	50 m
NL65017	16,8 / 21,0 mm	50 m
NL65022	21,8 / 25,5 mm	50 m

## T-CONNECTORS FOR CABLE DUCTS



ORDER NUMBER	DIAMETERS mm		
NL65200	A10	B10	C10
NL65201	A13	B10	C10
NL65202	A22	B10	C22
NL65203	A22	B17	C13
NL65204	A22	B22	C17

## NYLON TUBE POLYAMIDE PA 12 P 40 SEMI-HARD



- flexible pressure-proofed hose for pneumatic and hydraulic use and for e.g. grease lubrication
- operating temperature: -40°C...+80°C
- operating pressure 4-135 bar depending from diameter and hardness

ORDER NUMBER	OUTER/INNER DIAMETER mm	TEMP. °C				WEIGHT g/m	BENDING RADIUS min. mm
		23	40	60	80		
NL62003	5 x 3	33	24	19	16	13,2	30
NL62004	6 x 4	26	19	15	12	16,5	36
NL62006	8 x 6	19	14	11	9	23,1	50
NL62008	10 x 8	14	10	8	7	29,7	80
NL62010	12 x 10	12	9	7	6	36,3	118

## FLAT OUTLET HOSE

- light, with PVC-polyester line
- outlet and fire hose
- operating temp. -20 - +60 °C
- reel size 100 m



ORDER NUMBER	PRESSURE	SIZE
NL58025	7 bar	26/29 mm
NL58032	7 bar	33/35,9 mm
NL58038	6 bar	40/42,6 mm
NL58052	5 bar	52/54,7 mm
NL58063	4 bar	65/68 mm
NL58076	4 bar	77/80,4 mm
NL58102	3 bar	103/106,5 mm

## HOSE CASING

- yellow
- delivery length 6 m
- PE-plastic
- UV-protected
- acid, oil and solvent resistant
- operating temperature -30 - +80 °C
- easy to assembly



ORDER NUMBER	NOMINAL OUTER DIAMETER/MATERIAL THICKNESS
NL63020	20 mm / 2,0 mm
NL63025	25 mm / 2,5 mm
NL63032	32 mm / 3,0 mm
NL63050	50 mm / 3,5 mm
NL63075	75 mm / 4,5 mm

## AIR-CONDITION HOSE PVC

- min. bending radius 1,5 x diameter
- operating temperature -10 - +60 °C
- colour: grey



**ORDER NUMBER**      **SIZE**

<b>NL54020</b>	20 mm
<b>NL54025</b>	25 mm
<b>NL54032</b>	32 mm
<b>NL54038</b>	38 mm
<b>NL54045</b>	45 mm
<b>NL54050</b>	50 mm
<b>NL54063</b>	63 mm
<b>NL54076</b>	76 mm

## SAWDUST HOSE STEEL SPIRAL

- polyurethane hose for suction and blowing hose of abrasive agents
- transparent, PVC-coated steel spiral
- operating temp. -40 - +90 °C
- delivery length 6 m



**ORDER NUMBER**      **SIZE**

<b>NL55050</b>	50 mm
<b>NL55076</b>	75 mm
<b>NL55090</b>	90 mm
<b>NL55102</b>	100 mm
<b>NL55127</b>	125 mm
<b>NL55140</b>	140 mm
<b>NL55152</b>	150 mm
<b>NL55203</b>	200 mm
<b>NL55254</b>	250 mm

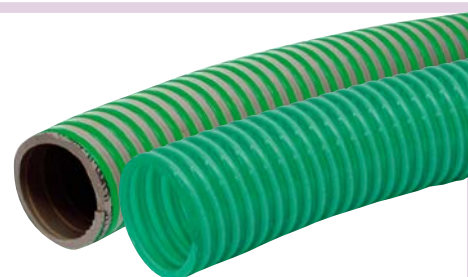
## SLUDGE HOSE PVC

### ARIZONA

- very flexible PVC-mixed plastic suction and pressure hose for transferring sludge, water etc.
- on the top of fold there's a cover made of PVC-tape which prevents outer wear
- operating temperature -25 - +55 °C
- grey/green

### LOUISIANA

- very flexible PVC-mixed plastic suction and pressure hose for transferring sludge, water etc.
- on the top of fold there's a cover made of PVC-tape which prevents outer wear
- also suitable for food industry
- operating temperature -25 - +60 °C
- green



**ORDER NUMBER**      **SIZE**      **PRESSURE**      **SUITABLE HOSE CLAMP**

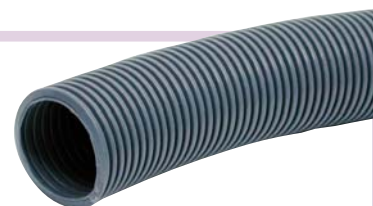
<b>NL56038</b>	38 x 47 mm	6 bar	<b>LSST047W1</b>
<b>NL56050</b>	50 x 61 mm	5 bar	<b>LSST063W1</b>
<b>NL56063</b>	63 x 75 mm	4,5 bar	<b>LSST079W1</b>
<b>NL56076</b>	76 x 89 mm	4 bar	<b>LSST091W1</b>
<b>NL56100</b>	102 x 116 mm	3 bar	<b>LSST121W1</b>
<b>NL56127</b>	127 x 143 mm	2,5 bar	<b>LSST148W1</b>
<b>NL56150</b>	152 x 170 mm	2 bar	<b>LSST174W1</b>

**ORDER NUMBER**      **SIZE**      **PRESSURE**      **SUITABLE HOSE CLAMP**

<b>NL57038</b>	38 x 45 mm	6 bar	<b>LSST047W1</b>
<b>NL57050</b>	50 x 57 mm	5 bar	<b>LSST059W1</b>
<b>NL57063</b>	63 x 72 mm	5 bar	<b>LSST073W1</b>

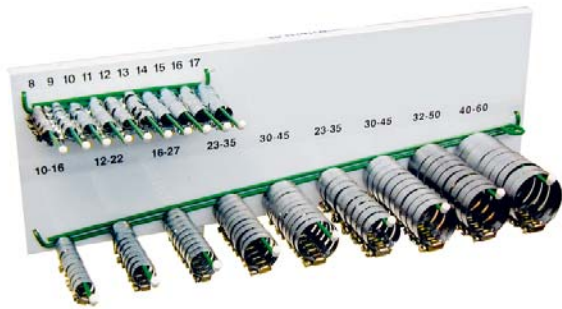
## INDUSTRIAL VACUUM CLEANER HOSE

- polyethylene
- folded surface
- flexible vacuum cleaner hose for suction of dust and lighter particles
- for welding points, industrial vacuum cleaners, dust separators
- overrunnable
- operating temperature -30°C - +70°C
- colour: blue



**ORDER NUMBER**      **INNER/OUTER DIAMETER mm**      **BENDING RADIUS mm**      **WEIGHT kg/m**

<b>NL64025</b>	25/32	60	0,25
<b>NL64032</b>	32/40	72	0,27
<b>NL64038</b>	38/48	85	0,37
<b>NL64051</b>	51/62	115	0,48



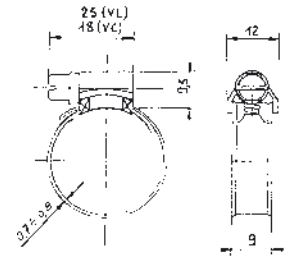
## ASSORTMENT 190 pcs

### LSCX190

Includes:	Mini	8-17 mm	10 pcs/size total 100 pcs
Serratub CX	10-16 mm	10 pcs	
"	12-22 mm	10 pcs	
"	16-27 mm	10 pcs	
"	23-35 mm	20 pcs	
"	30-45 mm	20 pcs	
"	32-50 mm	10 pcs	
"	40-60 mm	10 pcs	

## Serratub CX

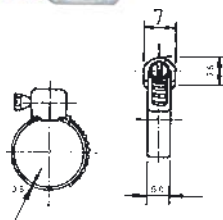
- solid band wormdrive clamp for general purpose
- rolled-up band edges
- band width 9 mm
- width across flats 7 mm or flat screwdriver
- screw, housing and band electro-zinc-plated



ORDER NUMBER	ORDER NUMBER SELF SERVICE PACK.	PCS	SIZE	CLAMPING
LSCX912	LSCX912A	5	8-14 mm	2,0-2,5 Nm
LSCX916	LSCX916A	5	10-17 mm	2,0-2,5 Nm
LSCX920	LSCX920A	5	13-20 mm	2,0-2,5 Nm
LSCX925	LSCX925A	4	15-24 mm	2,0-2,5 Nm
LSCX930	LSCX930A	4	19-28 mm	2,0-2,5 Nm
LSCX932	LSCX932A	4	22-32 mm	2,5-3,0 Nm
LSCX940	LSCX940A	4	26-38 mm	2,5-3,0 Nm
LSCX945	LSCX945A	3	32-44 mm	2,5-3,0 Nm
LSCX950	LSCX950A	3	38-50 mm	2,5-3,0 Nm
LSCX960	LSCX960A	3	44-56 mm	2,5-3,0 Nm
LSCX970			50-65 mm	2,5-3,0 Nm
LSCX980			58-75 mm	2,5-3,0 Nm
LSCX990			68-85 mm	2,5-3,0 Nm
LSCX9100			77-95 mm	2,5-3,0 Nm
LSCX9115			87-112 mm	2,5-3,0 Nm

## Micro Standard LSSE511

- for small hose dims. where a small and flexible wormgear clamp is needed and a demand for tightening force is low
- size 7-11 mm
- clamping 0,5-0,7 Nm
- band width 5 mm
- width across flats 5 mm or flat screwdriver
- screw and housing electro-zinc-plated and chrome-plated, band SS 2320/AISI 430 stainless steel



## Hose clamps

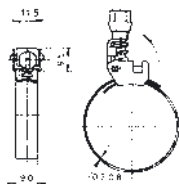
### X002262

- 5 pcs 7/8", 5 pcs 1 1/4"

### X002263

- 5 pcs 7/8", 5 pcs 1 1/4"
- stainless steel



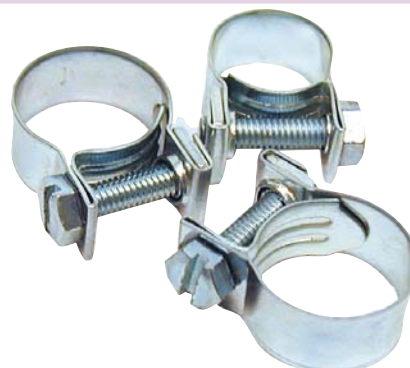


## Serratub 2

- with unique quick-lock with hinged screw-part
- for quick assembling of hose
- the underside of band is completely smooth - prevents hose damage and leakage
- band edges are rolled up
- a very powerful clamp, easy to fit and with a high corrosion resistance
- band width 9 mm
- width across flats 7 mm or flat screwdriver
- screw and housing electro-zinc-plated and yellow-passivated, band alu-zinked

ORDER NUMBER	SIZE	CLAMPING
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LSS2916	10-16 mm	3,0 Nm
LSS2922	12-22 mm	3,0 Nm
LSS2927	16-27 mm	3,0 Nm
LSS2935	23-35 mm	3,0 Nm
LSS2945	30-45 mm	3,0 Nm
LSS2950	32-50 mm	3,0 Nm
LSS2960	40-60 mm	4,0 Nm
LSS2970	50-70 mm	4,0 Nm
LSS2980	60-80 mm	4,0 Nm
LSS2990	70-90 mm	4,0 Nm
LSS29100	80-100 mm	4,0 Nm
LSMA29175	50-175 mm	4,0 Nm



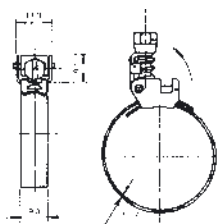
## Mini

- with rolled up band edges that are gentle on hoses
- the nut remains in the lug even if the screw is removed
- particularly suitable for use on small, thin-walled hoses
- band width 9 mm
- electro-zinc-plated
- width across flats 7 mm or flat screwdriver

ORDER NUMBER	SIZE	CLAMPING
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LSMIW108	6-8,3 mm	1,5 Nm
LSMIW109	7-9,3 mm	1,5 Nm
LSMIW110	8-10,3 mm	1,5 Nm
LSMIW111	9-11,3 mm	1,5 Nm
LSMIW112	9-12,3 mm	1,5 Nm
LSMIW113	10-13,3 mm	1,5 Nm
LSMIW114	11-14,3 mm	1,5 Nm
LSMIW115	12-15,3 mm	1,5 Nm
LSMIW116	13-16,3 mm	1,5 Nm
LSMIW117	14-17,3 mm	1,5 Nm

## Serratub KIT LSPK95MT

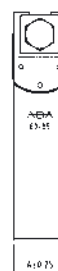
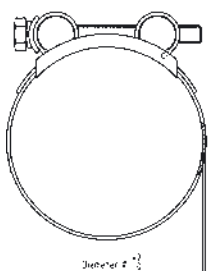


- offers you the immediate possibility to make your own clamp from kit components
- includes 9 mm wide band, length 5 m, 8 quick-lock housings
- ideal for service and maintenance
- width 9 mm
- screw and housing electro-zinc-plated and yellow passivated
- band AISI 430 stainless steel, perforated and flexible
- delivered in a box

## Serratub KIT LSPK93MT



- offers you the immediate possibility to make your own clamp from kit components
- includes 9 mm wide band, length 3 m, 8 quick-lock housings
- ideal for service and maintenance
- width 9 mm
- screw and housing electro-zinc-plated and yellow passivated
- band AISI 430 stainless steel, perforated and flexible
- delivered in a self-service package



## Robust

- heavy-duty clamp
- with rolled-up band edges
- suitable particularly for agricultural applications e.g. tightening heavy-gauge reinforced hoses used in irrigation, drainage, sludge pumping
- the hexagonal head design allows tightening with an ordinary spanner or socket wrench
- all parts are made of high grade carbon-steel and are individually electro-zinc-plated before assembly

ORDER NUMBER	SIZE	WIDTH	SCREW
LSST019W1	17-19	18 mm	M5 x 45
LSST022W1	20-22	18 mm	M5 x 45
LSST025W1	23-25	20 mm	M6 x 35
LSST028W1	26-28	20 mm	M6 x 35
LSST031W1	29-31	20 mm	M6 x 35
LSST035W1	32-35	20 mm	M6 x 35
LSST039W1	36-39	20 mm	M6 x 50
LSST043W1	40-43	20 mm	M6 x 50
LSST047W1	44-47	23 mm	M8 x 60
LSST051W1	48-51	23 mm	M8 x 60
LSST055W1	52-55	23 mm	M8 x 55
LSST059W1	56-59	23 mm	M8 x 55
LSST063W1	60-63	23 mm	M8 x 55
LSST067W1	64-67	23 mm	M8 x 70
LSST073W1	68-73	23 mm	M8 x 70
LSST079W1	74-79	23 mm	M8 x 70
LSST085W1	80-85	23 mm	M8 x 70

ORDER NUMBER	SIZE	WIDTH	SCREW
LSST091W1	86-91	23 mm	M8 x 70
LSST097W1	92-97	23 mm	M8 x 70
LSST103W1	98-103	23 mm	M8 x 70
LSST112W1	104-112	23 mm	M8 x 70
LSST121W1	113-121	23 mm	M8 x 70
LSST130W1	122-130	23 mm	M8 x 80
LSST139W1	131-139	23 mm	M8 x 80
LSST148W1	140-148	23 mm	M8 x 80
LSST161W1	149-161	23 mm	M8 x 80
LSST174W1	162-174	23 mm	M8 x 80
LSST187W1	175-187	30 mm	M8 x 90
LSST200W1	188-200	30 mm	M8 x 90
LSST213W1	201-213	30 mm	M10 x 100
LSST226W1	214-226	30 mm	M10 x 100
LSST239W1	227-239	30 mm	M10 x 100

## Rubber lined clips



- designed for reliable, vibration-damping suspension pipes, cables, cable circuits and hoses etc.
- rubber flange made of EPDM - high resistance to water, wear, temperature fluctuations and ageing
- one of the fastening holes is oval to facilitate fitting and adjustment
- suitable to use in the automotive industry, in machine construction, hydraulic and pneumatic applications, in process industries, shipbuilding, refrigeration etc.

### ORDER NUMBER      SIZE

LSFG06	6,4 mm
LSFG08	7,9 mm
LSFG10	9,5 mm
LSFG11	11,1 mm
LSFG12	12,7 mm
LSFG14	14,3 mm
LSFG16	15,9 mm
LSFG19	19,0 mm
LSFG20	20,6 mm
LSFG22	22,2 mm
LSFG25	25,4 mm
LSFG28	28,6 mm
LSFG30	30,2 mm
LSFG33	33,3 mm
LSFG38	38,1 mm