


CRIMPING DATA SHEET VOSWINKEL

Crimping data of Semperit hydraulic hoses with Voswinkel fittings based on singular impulse pressure tests

Semperit Hose type	Nominal Dia		Skive NoSkive	Voswinkel Insert part number	Voswinkel Ferrule part number	Crimp Dia (Reference)	Inside dia after crimping (Insert Bore Collapse)		Skive length outside mm	Skive length inside mm	Date of Test
	mm	inch					min mm	max mm			
											
1SN	6	1/4"	NoSkive	11221N06	15011N06	15,8	3,7	3,8			21.10.2014
1SN	8	5/16"	NoSkive	11221N08	15011N08	17,0	5,1	5,3			03.03.2014
1SN	10	3/8"	NoSkive	11221N10	15011N10	20,3	6,2	6,4			11.08.2016
1SN	12	1/2"	NoSkive	11221N12	15011N12	23,7	9,1	9,4			02.11.2015
1SN	16	5/8"	NoSkive	11221N16	15011N16	27,5	12,1	12,4			07.09.2015
1SN	19	3/4"	NoSkive	11221N20	15011N20	31,8	14,1	14,6			13.07.2015
1SN	25	1"	NoSkive	11221N25	15011N25	39,8	19,4	19,8			05.10.2015
1SN	31	1 1/4"	NoSkive	11221N32	15011N32	46,8	25,5	25,8			30.09.2015
1SN	38	1 1/2"	NoSkive	11221N40	15011N40	55,5	30,5	30,8			20.10.2014
1SN	51	2"	NoSkive	11411N50	15011N50	69,4	39,4	39,8			01.09.2015
1SC	6	1/4"	NoSkive	11221N06	15021N06	16,2	3,7	3,8			15.01.2015
1SC	8	5/16"	NoSkive	11221N08	15021N08	16,5	5,1	5,3			17.06.2014
1SC	10	3/8"	NoSkive	11221N10	15021N10	20,1	6,2	6,4			23.05.2014
1SC	12	1/2"	NoSkive	11221N12	15021N12	24,2	9,1	9,4			20.06.2014
1SC	16	5/8"	NoSkive	11221N16	15021N16	27,4	12,1	12,4			08.09.2014
1SC	19	3/4"	NoSkive	11221N20	15021N20	31,2	14,1	14,6			10.09.2015
1SC	25	1"	NoSkive	11221N25	15021N25	38,2	19,4	19,8			03.10.2014
1SC	6	1/4"	NoSkive	11221N06	15311N06	14,6	3,7	3,8			16.12.2014
1SC	8	5/16"	NoSkive	11221N08	15311N08	15,9	5,1	5,3			17.11.2014
1SC	10	3/8"	NoSkive	11221N10	15311N10	19,3	6,2	6,4			03.11.2014
1SC	12	1/2"	NoSkive	11221N12	15311N12	22,8	9,1	9,4			15.04.2015
1SN-K	6	1/4"	NoSkive	11261N06	15021N06	16,5	3,7	3,8			03.06.2016
1SN-K	8	5/16"	NoSkive	11271N08	15021N08	16,5	5,1	5,3			03.06.2016
1SN-K	10	3/8"	NoSkive	11221N10	15021N10	19,8	6,2	6,4			25.11.2014
1SN-K	12	1/2"	NoSkive	11271N12	15021N12	24,0	9,1	9,4			17.05.2016
1SN-K	16	5/8"	NoSkive	11221N16	15021N16	27,5	12,1	12,4			08.12.2014

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CAUTION:

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Semperit Hose type	Nominal Dia		Skive NoSkive	Voswinkel Insert part number	Voswinkel Ferrule part number	Crimp Dia (Reference)	Inside dia after crimping (Insert Bore Collapse)		Skive length outside mm	Skive length inside mm	Date of Test
	mm	inch					min mm	max mm			
						mm					
2SN	6	1/4"	NoSkive	11221N06	15011N06	16,7	3,7	3,8			01.07.2015
2SN	8	5/16"	NoSkive	11221N08	15011N08	18,3	5,1	5,3			02.06.2016
2SN	10	3/8"	NoSkive	11221N10	15011N10	21,7	6,2	6,4			27.05.2016
2SN	12	1/2"	NoSkive	11221N12	15011N12	24,8	9,1	9,4			30.10.2015
2SN	16	5/8"	NoSkive	11221N16	15011N16	28,6	12,1	12,4			31.08.2015
2SN	19	3/4"	NoSkive	11231N20	15011N20	32,4	14,1	14,6			09.07.2015
2SN	25	1"	NoSkive	11231N25	15011N25	41,1	19,4	19,8			02.06.2016
2SN	31	1 1/4"	NoSkive	11231N32	15011N32	50,1	25,5	25,8			05.01.2015
2SN	38	1 1/2"	NoSkive	11221N40	15011N40	58,9	30,5	30,8			02.05.2016
2SN	51	2"	NoSkive	11411N50	15011N50	71,3	39,4	39,8			24.06.2016
2SN	8	5/16"	Skive	11221N08	15031N08	18,2	5,1	5,3	22		02.06.2016
2SN	10	3/8"	Skive	11221N10	15031N10	21,6	6,2	6,4	28		16.10.2015
2SN	12	1/2"	Skive	11231N12	15031N12	24,8	9,1	9,4	29		30.10.2015
2SN	19	3/4"	Skive	11221N20	15031N20	33,3	14,1	14,6	37		09.07.2015
2SN	25	1"	Skive	11231N25	15031N25	40,9	19,4	19,8	44		02.06.2016
2SN	32	1 1/4"	Skive	11221N32	15031N32	50,4	25,5	25,8	49		07.07.2015
2SN	38	1 1/2"	Skive	11231N40	15031N40	59,2	30,5	30,8	55		02.05.2016
2SC	6	1/4"	NoSkive	11221N06	15011N06	16,1	3,7	3,8			22.08.2016
2SC	8	5/16"	NoSkive	11221N08	15011N08	17,4	5,1	5,3			26.05.2016
2SC	10	3/8"	NoSkive	11221N10	15011N10	20,7	6,2	6,4			09.05.2016
2SC	12	1/2"	NoSkive	11221N12	15011N12	24,1	9,1	9,4			27.10.2015
2SC	16	5/8"	NoSkive	11221N16	15011N16	28,2	12,1	12,4			09.09.2015
2SC	19	3/4"	NoSkive	11231N20	15011N20	31,9	14,1	14,6			10.09.2015
2SC	25	1"	NoSkive	11231N25	15011N25	40,2	19,4	19,8			16.11.2015
2SC	6	1/4"	NoSkive	11221N06	15311N06	15,5	3,7	3,8			28.10.2014
2SC	8	5/16"	NoSkive	11221N08	15311N08	17,0	5,1	5,3			10.11.2014
2SC	10	3/8"	NoSkive	11221N10	15311N10	20,0	6,2	6,4			29.10.2014
2SC	12	1/2"	NoSkive	11221N12	15311N12	22,9	9,1	9,4			10.04.2015
2SC	6	1/4"	Skive	11221N06	15021N06	16,8	3,7	3,8	22		22.08.2016
2SC	8	5/16"	Skive	11221N08	15021N08	16,7	5,1	5,3	22		26.05.2016
2SC	10	3/8"	Skive	11221N10	15021N10	20,1	6,2	6,4	24		09.05.2016
2SC	12	1/2"	Skive	11231N12	15031N12	24,6	9,1	9,4	29		27.10.2015
2SC	19	3/4"	Skive	11221N20	15031N20	33,4	14,1	14,6	37		06.08.2015

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Semperit Hose type	Nominal Dia		Skive NoSkive	Voswinkel Insert part number	Voswinkel Ferrule part number	Crimp Dia (Reference)	Inside dia after crimping (Insert Bore Collapse)		Skive length outside mm	Skive length inside mm	Date of Test
	mm	inch					min mm	max mm			
											
2SN-K	6	1/4"	NoSkive	11221N06	15011N06	16,3	3,7	3,8			16.09.2016
2SN-K	8	5/16"	NoSkive	11221N08	15011N08	17,5	5,1	5,3			08.08.2016
2SN-K	10	3/8"	NoSkive	11221N10	15011N10	20,4	6,2	6,4			29.08.2014
2SN-K	12	1/2"	NoSkive	11221N12	15011N12	24,6	9,1	9,4			02.05.2016
2SN-K	16	5/8"	NoSkive	11221N16	15011N16	28,5	12,1	12,4			02.05.2016
2SN-K	19	3/4"	NoSkive	11221N20	15011N20	31,7	14,1	14,6			17.04.2015
2SN-K	25	1"	NoSkive	11221N25	15011N25	40,4	19,4	19,8			17.05.2016
2SN-K	6	1/4"	NoSkive	11221N06	15311N06	16,3	3,7	3,8			24.11.2014
2SN-K	8	5/16"	NoSkive	11221N08	15311N08	16,9	5,1	5,3			13.11.2014
2SN-K	10	3/8"	NoSkive	11221N10	15311N10	20,3	6,2	6,4			29.10.2014
2SN-K	12	1/2"	NoSkive	11221N12	15311N12	23,3	9,1	9,4			01.04.2015
2SN-K	6	1/4"	Skive	11221N06	15021N06	16,8	3,7	3,8	22		16.09.2016
2SN-K	8	5/16"	Skive	11221N08	15021N08	16,7	5,1	5,3	22		08.08.2016
2SN-K	10	3/8"	Skive	11221N10	15021N10	20,0	6,2	6,4	24		18.02.2014
2SN-K	12	1/2"	Skive	11221N12	15021N12	24,3	9,1	9,4	26		02.05.2016
2SN-K	16	5/8"	Skive	11221N16	15031N16	27,8	12,1	12,4	28		02.05.2016
2SN-K	19	3/4"	Skive	11221N20	15031N20	32,8	14,1	14,6	37		27.04.2015
2SN-K	25	1"	Skive	11221N25	15021N25	39,1	19,4	19,8	37		17.05.2016

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Semperit Hose type	Nominal Dia		Skive NoSkive	Voswinkel Insert part number	Voswinkel Ferrule part number	Crimp Dia (Reference)	Inside dia after crimping (Insert Bore Collapse)		Skive length outside	Skive length inside	Date of Test
	mm	inch					min mm	max mm			
	mm	inch				mm	min mm	max mm	mm	mm	
ECOVOs											
4SP	10	3/8"	Skive	11231N10	15031N10	22,3	5,8	6,0	28		15.08.2016
4SP	12	1/2"	Skive	11231N12	15031N12	25,2	8,5	8,8	28		18.03.2015
4SP	16	5/8"	Skive	11231N16	15031N16	29,0	11,2	11,6	29		27.01.2015
4SP	19	3/4"	Skive	11231N20	15031N20	34,2	13,3	13,7	37		05.02.2015
4SP	25	1"	Skive	11231N25	15031N25	41,0	18,4	18,9	44		04.02.2015
4SP	31	1 1/4"	Skive	11231N32	15031N32	52,2	24,6	25,1	49		14.03.2016
4SP	38	1 1/2"	Skive	11411N40	15031N40	60,3	29,5	30,0	55		17.08.2015
4SP	51	2"	Skive	11411N50	15031N50	74,0	38,2	38,8	62		04.09.2015
Flexline 4000	10	3/8"	Skive	11231N10	15031N10	22,3	5,8	6,0	28		14.05.2015
Flexline 4000	12	1/2"	Skive	11231N12	15031N12	25,2	8,5	8,8	28		02.04.2015
Flexline 4000	16	5/8"	Skive	11231N16	15031N16	29,0	11,2	11,6	29		08.07.2015
Flexline 4000	19	3/4"	Skive	11231N20	15031N20	34,2	13,3	13,7	37		08.04.2015
Flexline 4000	25	1"	Skive	11231N25	15031N25	41,0	18,4	18,9	44		10.03.2015
Flexline 5000	10	3/8"	Skive	11231N10	15031N10	22,2	5,8	6,0	28		19.06.2016
Flexline 5000	12	1/2"	Skive	11231N12	15031N12	25,3	8,5	8,8	28		19.09.2016
Flexline 5000	16	5/8"	Skive	11231N16	15031N16	28,7	11,2	11,6	29		13.09.2016
Flexline 5000	19	3/4"	Skive	11231N20	15031N20	34,1	13,3	13,7	37		18.07.2016
Flexline 5000	25	1"	Skive	11231N25	15031N25	41,0	18,4	18,9	44		08.08.2016
Flexline 5000	31	1 1/4"	Skive	11235N32	15425N32	50,3	23,6	24,2	64	21	04.07.2016
R12	10	3/8"	Skive	11231N10	15031N10	22,3	5,8	6,0	28		07.01.2015
R12	12	1/2"	Skive	11231N12	15031N12	25,2	8,5	8,8	28		17.12.2014
R12	16	5/8"	Skive	11231N16	15031N16	29,0	11,2	11,6	29		28.01.2015
R12	19	3/4"	Skive	11231N20	15031N20	34,2	13,3	13,7	37		19.02.2015
R12	25	1"	Skive	11231N25	15031N25	41,0	18,4	18,9	44		23.02.2015

MULTIVOS

4SH	19	3/4"	Skive	11235N20	15435N20	34,0	13,9	14,2	48	17	05.05.2015
4SH	25	1"	Skive	11235N25	15435N25	44,3	18,4	18,9	52	17	19.08.2015
4SH	31	1 1/4"	Skive	11415N32	15425N32	50,0	23,6	24,2	64	21	06.09.2016
4SH	38	1 1/2"	Skive	11415N40	15425N40	57,1	29,8	30,5	69	27	09.05.2016
4SH	51	2"	Skive	11415N50	15415N50	71,9	38,7	39,1	72	28	03.11.2016
R15	19	3/4"	Skive	11235N20	15435N20	33,8	13,9	14,2	48	17	07.04.2015
R15	25	1"	Skive	11235N25	15435N25	44,1	18,4	18,9	52	17	16.10.2015

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