



## Novosafe NH

### Halogen free control cable

### Specification

<b>STANDARD</b>	VDE 0295
<b>APPROVALS</b>	Complies to Swedish and European standard acc. to SS EN 60204
<b>RATED VOLTAGE UO/U</b>	300/500V
<b>CONDUCTOR CLASS</b>	Class 5 = fine stranded wires
<b>CONDUCTOR MATERIAL</b>	Copper
<b>CORE INSULATION</b>	Halogen free special compound
<b>CORE IDENTIFICATION</b>	Black with white numerals, $\geq 35\text{mm}^2$ : Colour coded
<b>PROTECTIVE CONDUCTOR</b>	Yellow/Green
<b>OUTER SHEATH</b>	Halogen free special compound
<b>SHEATH COLOUR</b>	Grey RAL 7001
<b>BENDING RADIUS FIXED</b>	4 x cable diameter
<b>BENDING RADIUS MOVED</b>	15 x cable diameter
<b>MIN OPERATING TEMPERATURE FIXED</b>	-40°C
<b>MAX OPERATING TEMPERATURE FIXED</b>	+70°C
<b>MIN OPERATING TEMPERATURE MOVED</b>	-15°C
<b>MAX OPERATING TEMPERATURE MOVED</b>	+70°C
<b>TESTING VOLTAGE</b>	4000V
<b>OIL RESISTANCE</b>	IEC 60811-404 70° 4 hours
<b>HALOGEN-FREE / SMOKE EMISSION</b>	IEC 60 754-1 & IEC 60 754-2
<b>SMOKE EMISSION</b>	IEC 61034-2

<b>BURNING BEHAVIOR CPR</b>	Dca-s2,d2,a1
<b>FLAME RETARDANT</b>	IEC 60332-3-24
<b>MANUFACTURER</b>	Kabeltec GmbH

## Variants

E-NUMBER	DIMENSION N X MM <sup>2</sup>	OUTER DIAMETER MM	WEIGHT KG/100M	BVB
N7701030	3x0,5	5.1	4.7	
N7681040	4G0,5	5.7	5.7	
N7701040	4x0,5	5.7	5.7	
N7681050	5G0,5	6.2	6.6	
0297000	2x0,75	5.4	4.3	
0297010	3G0,75	5.7	6.1	
0260680	3x0,75	5.7	6.1	
0297020	4G0,75	6.5	7.5	
0260690	4x0,75	6.5	7.5	
0297030	5G0,75	6.8	10	
N7702050	5x0,75	6.8	10	
0297040	7G0,75	7.5	12.5	
N7702070	7x0,75	7.5	12.5	
N7682100	10G0,75	9	17.2	
0297050	12G0,75	9.9	21	
0297060	18G0,75	11.7	27	
0297070	25G0,75	14.2	37	
0268040	34G0,75	15.9	51.2	
0260600	2x1,0	5.7	5.7	
0260610	3G1,0	6	8	
N7703030	3x1,0	6	8	
0260620	4G1,0	6.7	10.6	
N7703040	4x1,0	6.7	10.6	
0260630	5G1,0	7.3	12.3	
0260640	7G1,0	8.2	14.9	
N7683080	8G1,0	8.8	17.5	
0260650	12G1,0	10.5	26	
0260660	18G1,0	12.7	35	
0260670	25G1,0	14.7	47	
N7683340	34G1,0	17.1	60	

0297200	2x1,5	6.3	10	
0297210	3G1,5	6.8	11	
N7704030	3x1,5	6.8	11	
0297220	4G1,5	7.4	12.5	
0297230	5G1,5	8.4	14.5	
0297240	7G1,5	9	19.5	
0263960	8G1,5	10	21.5	
0297250	12G1,5	12	31	
0297260	18G1,5	14.4	42	
0297270	25G1,5	16.9	60	
N7684340	34G1,5	19.4	73	
0297310	3G2,5	8.4	17	
0297320	4G2,5	9.2	18	
0297330	5G2,5	10.2	19	
N7685070	7G2,5	11.3	28	
N7685120	12G2,5	14.8	51	
N7685180	18G2,5	18	87	
N7685250	25G2,5	21.4	114	
N7706030	3G4	9.9	24	
N7686040	4G4	10.8	27	
N7686050	5G4	12.1	30	
N7686070	7G4	13.4	41	
0263900	4G6	13	33	
N7687050	5G6	14.5	43	
N7687070	7G6	16	60	
0263910	4G10	16.7	75	
N7688050	5G10	18.1	93	
N7688070	7G10	20	110.5	
0263920	4G16	18.8	105	
N7689050	5G16	21.2	130	
N7709140	4G25	23.5	162	
N7709150	5G25	26.4	203	
N7709240	4G35	26.8	217	
N7709340	4G50	32.4	303	
N7709440	4G70	37.4	420	
N7709450	5G70	42	562	
N7681020	2x0,5	4.8	4	

N7681030

3G0,5

5.1

4.7