
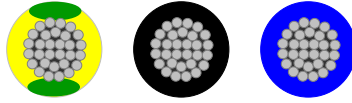


3801000	<b>DATA SHEET</b>	
Valid from: 01.10.2023	<b>ÖLFLEX® WIRE V-90HT</b> <i>(former V-90HT SC)</i>	

<https://lappapac.lappgroup.com>



\*Illustrations are not to scale and do not represent detailed images of the respective products.

### 1. Application

ÖLFLEX® WIRE V-90HT is a flexible hook-up wire suitable to be used for installation in plants, devices, switch gear cabinet, etc. where higher temperatures occur and at working voltages up to 600/1000 V.

### 2. Reference Standard(s)

Based on AS/NZS 5000.1, UL Style 1015 / UL Style 10269

### 3. Cable Construction

- 3.1. Conductor : Fine strands of tinned copper wire acc. to IEC 60228, Cl. 5
- 3.2. Core Insulation : Extruded PVC compound
- 3.3. Insulation Colours : Refer to table, Dimensional Data

### 4. Technical Data

- 4.1. Rated Voltage : 600/1000 V;  
UL 600V (up to 6mm<sup>2</sup>)  
UL 1000V (from 10mm<sup>2</sup>)
- 4.2. Test Voltage : 3.0 kV
- 4.3. Min. Bending Radius : 3 x cable diameter
- 4.4. Temperature Range : -20°C up to +105°C
- 4.5. Flame Retardant : In acc. to VW-1, IEC 60332-1-2
- 4.6. EU Directive : 2014/35/EU (Low Voltage Directive), 2011/65/EU (RoHS)
- 4.7. CE Mark : Yes

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## 5. Dimensional Data

Part No.	Conductor Cross-section mm <sup>2</sup>	Approx. Cable OD mm	Insulation Colour -	Approx. Cable Wt. kg/km
3801000	0.5	2.5	Green-Yellow	11.0
3801001	0.5	2.5	Black	11.0
3801002	0.5	2.5	Blue	11.0
3801003	0.5	2.5	Brown	11.0
3801004	0.5	2.5	Red	11.0
3801005	0.5	2.5	White	11.0
3801006	0.5	2.5	Grey	11.0
3801007	0.5	2.5	Violet	11.0
3801008	0.5	2.5	Pink	11.0
3801009	0.5	2.5	Orange	11.0
38010011	0.5	2.5	Yellow	11.0
38010012	0.5	2.5	Green	11.0
38010014	0.5	2.5	Dark Blue	11.0
3801010	0.75	2.7	Green-Yellow	14.1
3801011	0.75	2.7	Black	14.1
3801012	0.75	2.7	Blue	14.1
3801013	0.75	2.7	Brown	14.1
3801014	0.75	2.7	Red	14.1
3801015	0.75	2.7	White	14.1
3801016	0.75	2.7	Grey	14.1
3801017	0.75	2.7	Violet	14.1
3801018	0.75	2.7	Pink	14.1
3801019	0.75	2.7	Orange	14.1
38010111	0.75	2.7	Yellow	14.1
3801362	0.75	2.7	Green	14.1
38010114	0.75	2.7	Dark Blue	14.1
3801020	1	2.9	Green-Yellow	17.2
3801021	1	2.9	Black	17.2
3801022	1	2.9	Blue	17.2
3801023	1	2.9	Brown	17.2
3801024	1	2.9	Red	17.2
3801025	1	2.9	White	17.2
3801026	1	2.9	Grey	17.2
3801027	1	2.9	Violet	17.2
3801028	1	2.9	Pink	17.2
3801029	1	2.9	Orange	17.2
38010211	1	2.9	Yellow	17.2
38010212	1	2.9	Green	17.2
38010214	1	2.9	Dark Blue	17.2

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Part No.	Conductor Cross-section mm <sup>2</sup>	Approx. Cable OD mm	Insulation Colour -	Approx. Wt. kg/km	Cable
3801030	1.5	3.2	Green-Yellow	23.3	
3801031	1.5	3.2	Black	23.3	
3801032	1.5	3.2	Blue	23.3	
3801033	1.5	3.2	Brown	23.3	
3801034	1.5	3.2	Red	23.3	
3801035	1.5	3.2	White	23.3	
3801036	1.5	3.2	Grey	23.3	
3801037	1.5	3.2	Violet	23.3	
3801038	1.5	3.2	Pink	23.3	
3801039	1.5	3.2	Orange	23.3	
38010311	1.5	3.2	Yellow	23.3	
38010312	1.5	3.2	Green	23.3	
38010314	1.5	3.2	Dark Blue	23.3	
3801040	2.5	3.7	Green-Yellow	34.4	
3801041	2.5	3.7	Black	34.4	
3801042	2.5	3.7	Blue	34.4	
3801043	2.5	3.7	Brown	34.4	
3801044	2.5	3.7	Red	34.4	
3801045	2.5	3.7	White	34.4	
3801046	2.5	3.7	Grey	34.4	
3801047	2.5	3.7	Violet	34.4	
3801048	2.5	3.7	Pink	34.4	
3801049	2.5	3.7	Orange	34.4	
38010411	2.5	3.7	Yellow	34.4	
38010412	2.5	3.7	Green	34.4	
38010414	2.5	3.7	Dark Blue	34.4	
3801050	4	4.3	Green-Yellow	54.2	
3801051	4	4.3	Black	54.2	
3801052	4	4.3	Blue	54.2	
3801053	4	4.3	Brown	54.2	
3801054	4	4.3	Red	54.2	
3801055	4	4.3	White	54.2	
3801056	4	4.3	Grey	54.2	
3801057	4	4.3	Violet	54.2	
3801058	4	4.3	Pink	54.2	
3801059	4	4.3	Orange	54.2	
38010511	4	4.3	Yellow	54.2	
38010512	4	4.3	Green	54.2	
38010514	4	4.3	Dark Blue	54.2	

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Part No.	Conductor Cross-section mm <sup>2</sup>	Approx. Cable OD mm	Insulation Colour -	Approx. Wt. kg/km	Cable
3801060	6	4.9	Green-Yellow	87.9	
3801061	6	4.9	Black	87.9	
3801062	6	4.9	Blue	87.9	
3801063	6	4.9	Brown	87.9	
3801064	6	4.9	Red	87.9	
3801065	6	4.9	White	87.9	
3801066	6	4.9	Grey	87.9	
3801067	6	4.9	Violet	87.9	
3801068	6	4.9	Pink	87.9	
3801069	6	4.9	Orange	87.9	
38010611	6	4.9	Yellow	87.9	
38010612	6	4.9	Green	87.9	
38010614	6	4.9	Dark Blue	87.9	
3801070	10	6.5	Green-Yellow	138.3	
3801071	10	6.5	Black	138.3	
3801072	10	6.5	Blue	138.3	
3801073	10	6.5	Brown	138.3	
3801074	10	6.5	Red	138.3	
3801075	10	6.5	White	138.3	
3801076	10	6.5	Grey	138.3	
3801077	10	6.5	Violet	138.3	
3801078	10	6.5	Pink	138.3	
3801079	10	6.5	Orange	138.3	
38010711	10	6.5	Yellow	138.3	
38010712	10	6.5	Green	138.3	
38010714	10	6.5	Dark Blue	138.3	
3801080	16	8.4	Green-Yellow	230.6	
3801081	16	8.4	Black	230.6	
3801082	16	8.4	Blue	230.6	
3801083	16	8.4	Brown	230.6	
3801084	16	8.4	Red	230.6	
3801085	16	8.4	White	230.6	
3801086	16	8.4	Grey	230.6	
3801087	16	8.4	Violet	230.6	
3801088	16	8.4	Pink	230.6	
3801089	16	8.4	Orange	230.6	
38010811	16	8.4	Yellow	230.6	
38010812	16	8.4	Green	230.6	
38010814	16	8.4	Dark Blue	230.6	

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Part No.	Conductor Cross-section mm <sup>2</sup>	Approx. Cable OD mm	Insulation Colour -	Approx. Wt. kg/km	Cable
3802410	25	10.2	Green-Yellow	305.0	
3802411	25	10.2	Black	305.0	
3802412	25	10.2	Blue	305.0	
3802413	25	10.2	Brown	305.0	
3802414	25	10.2	Red	305.0	
3802415	25	10.2	White	305.0	
3802416	25	10.2	Grey	305.0	
3802417	25	10.2	Violet	305.0	
3802418	25	10.2	Pink	305.0	
3802419	25	10.2	Orange	305.0	
38024111	25	10.2	Yellow	305.0	
38024112	25	10.2	Green	305.0	
38024114	25	10.2	Dark Blue	305.0	
3802420	35	12.4	Green-Yellow	437.0	
3802421	35	12.4	Black	437.0	
3802422	35	12.4	Blue	437.0	
3802423	35	12.4	Brown	437.0	
3802424	35	12.4	Red	437.0	
3802425	35	12.4	White	437.0	
3802426	35	12.4	Grey	437.0	
3802427	35	12.4	Violet	437.0	
3802428	35	12.4	Pink	437.0	
3802429	35	12.4	Orange	437.0	
38024211	35	12.4	Yellow	437.0	
38024212	35	12.4	Green	437.0	
38024214	35	12.4	Dark Blue	437.0	
3802430	50	13.9	Green-Yellow	588.0	
3802431	50	13.9	Black	588.0	
3802432	50	13.9	Blue	588.0	
3802433	50	13.9	Brown	588.0	
3802434	50	13.9	Red	588.0	
3802435	50	13.9	White	588.0	
3802436	50	13.9	Grey	588.0	
3802437	50	13.9	Violet	588.0	
3802438	50	13.9	Pink	588.0	
3802439	50	13.9	Orange	588.0	
38024311	50	13.9	Yellow	588.0	
38024312	50	13.9	Green	588.0	
38024314	50	13.9	Dark Blue	588.0	

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Part No.	Conductor Cross-section mm <sup>2</sup>	Approx. Cable OD mm	Insulation Colour -	Approx. Wt. kg/km	Cable
3802440	70	16.0	Green-Yellow	790.0	
3802441	70	16.0	Black	790.0	
3802442	70	16.0	Blue	790.0	
3802443	70	16.0	Brown	790.0	
3802444	70	16.0	Red	790.0	
3802445	70	16.0	White	790.0	
3802446	70	16.0	Grey	790.0	
3802447	70	16.0	Violet	790.0	
3802448	70	16.0	Pink	790.0	
3802449	70	16.0	Orange	790.0	
38024411	70	16.0	Yellow	790.0	
38024412	70	16.0	Green	790.0	
38024414	70	16.0	Dark Blue	790.0	
3802450	95	18.0	Green-Yellow	1051.0	
3802451	95	18.0	Black	1051.0	
3802452	95	18.0	Blue	1051.0	
3802453	95	18.0	Brown	1051.0	
3802454	95	18.0	Red	1051.0	
3802455	95	18.0	White	1051.0	
3802456	95	18.0	Grey	1051.0	
3802457	95	18.0	Violet	1051.0	
3802458	95	18.0	Pink	1051.0	
3802459	95	18.0	Orange	1051.0	
38024511	95	18.0	Yellow	1051.0	
38024512	95	18.0	Green	1051.0	
38024514	95	18.0	Dark Blue	1051.0	
3802460	120	20.5	Green-Yellow	1330.0	
3802461	120	20.5	Black	1330.0	
3802462	120	20.5	Blue	1330.0	
3802463	120	20.5	Brown	1330.0	
3802464	120	20.5	Red	1330.0	
3802465	120	20.5	White	1330.0	
3802466	120	20.5	Grey	1330.0	
3802467	120	20.5	Violet	1330.0	
3802468	120	20.5	Pink	1330.0	
3802469	120	20.5	Orange	1330.0	
38024611	120	20.5	Yellow	1330.0	
38024612	120	20.5	Green	1330.0	
38024614	120	20.5	Dark Blue	1330.0	

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Part No.	Conductor Cross-section mm <sup>2</sup>	Approx. Cable OD mm	Insulation Colour -	Approx. Wt. kg/km	Cable
3802470	150	22.2	Green-Yellow	1628.0	
3802471	150	22.2	Black	1628.0	
3802472	150	22.2	Blue	1628.0	
3802473	150	22.2	Brown	1628.0	
3802474	150	22.2	Red	1628.0	
3802475	150	22.2	White	1628.0	
3802476	150	22.2	Grey	1628.0	
3802477	150	22.2	Violet	1628.0	
3802478	150	22.2	Pink	1628.0	
3802479	150	22.2	Orange	1628.0	
38024711	150	22.2	Yellow	1628.0	
38024712	150	22.2	Green	1628.0	
38024714	150	22.2	Dark Blue	1628.0	
3802480	185	24.2	Green-Yellow	1984.0	
3802481	185	24.2	Black	1984.0	
3802482	185	24.2	Blue	1984.0	
3802483	185	24.2	Brown	1984.0	
3802484	185	24.2	Red	1984.0	
3802485	185	24.2	White	1984.0	
3802486	185	24.2	Grey	1984.0	
3802487	185	24.2	Violet	1984.0	
3802488	185	24.2	Pink	1984.0	
3802489	185	24.2	Orange	1984.0	
38024811	185	24.2	Yellow	1984.0	
38024812	185	24.2	Green	1984.0	
38024814	185	24.2	Dark Blue	1984.0	
3802490	240	29.5	Green-Yellow	2514.0	
3802491	240	29.5	Black	2514.0	
3802492	240	29.5	Blue	2514.0	
3802493	240	29.5	Brown	2514.0	
3802494	240	29.5	Red	2514.0	
3802495	240	29.5	White	2514.0	
3802496	240	29.5	Grey	2514.0	
3802497	240	29.5	Violet	2514.0	
3802498	240	29.5	Pink	2514.0	
3802499	240	29.5	Orange	2514.0	
38024911	240	29.5	Yellow	2514.0	
38024912	240	29.5	Green	2514.0	
38024914	240	29.5	Dark Blue	2514.0	

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Part No.	Conductor Cross-section mm <sup>2</sup>	Approx. Cable OD mm	Insulation Colour -	Approx. Wt. kg/km	Cable
3801050A	4*	4.60	GNYE	54.5	
3801051A	4*	4.60	BK	54.5	
3801052A	4*	4.60	BU	54.5	
3801053A	4*	4.60	BN	54.5	
3801054A	4*	4.60	RD	54.5	
3801055A	4*	4.60	WH	54.5	
3801056A	4*	4.60	GY	54.5	
3801057A	4*	4.60	VT	54.5	
3801058A	4*	4.60	PK	54.5	
3801059A	4*	4.60	OG	54.5	
38010511A	4*	4.60	YE	54.5	
38010512A	4*	4.60	GN	54.5	
38010514A	4*	4.60	BU (Dark)	54.5	
3801060A	6*	5.20	GNYE	88.9	
3801061A	6*	5.20	BK	88.9	
3801062A	6*	5.20	BU	88.9	
3801063A	6*	5.20	BN	88.9	
3801064A	6*	5.20	RD	88.9	
3801065A	6*	5.20	WH	88.9	
3801066A	6*	5.20	GY	88.9	
3801067A	6*	5.20	VT	88.9	
3801068A	6*	5.20	PK	88.9	
3801069A	6*	5.20	OG	88.9	
38010611A	6*	5.20	YE	88.9	
38010612A	6*	5.20	GN	88.9	
38010614A	6*	5.20	BU (Dark)	88.9	

\*Complies with AS/NZS 5000.1

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