



HELUKABEL® TOPFLEX® 304 E170315 AWM STYLE 1032 1000V 90C VW-1 LL113926 CSA AWM I A/B FT1 CE

TECHNICAL DATA

PVC sheathed single core cable acc. to UL-Std. 758 (AWM) Style 1032, CSA-Std. C22.2 No. 210 - AWM I A/B

Temperature range	flexible -5°C to +90°C fixed -40°C to +90°C
Nominal voltage	AC U ₀ /U 600/1000 V UL (AWM) AC 1000 V
Test voltage	3000 V
Minimum bending radius	flexible 7.5x Outer-Ø

CABLE STRUCTURE

- Copper conductor bare, extra finely stranded acc. to DIN VDE 0295 Class 6 / IEC 60228 Class 6
- Core insulation: PVC
- Core identification: green-yellow
- Outer sheath: PVC
- Sheath colour: grey

PROPERTIES

- suitable for use in drag chains

- flame-retardant

TESTS

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2, CSA FT1, UL VW-1

APPLICATION

Thanks to their outstanding alternating bending stress characteristics, these cables are ideally suited for use in drag chains, and also for use in handling devices, robots, and nearly any area requiring flexible used and free motion.

NOTES

- the conductor is metrically (mm²) constructed, AWG numbers are approximated, and are for reference only
- for use in energy supply systems:
 - 1) the assembly instructions must be observed
 - 2) for further application parameters, please refer to the selection tables
 - 3) for special applications, we recommend contacting us and using our data entry form for energy supply systems

Part no.	No. cores x cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	Weight kg/km, approx.
79639	1 G 2.5	14	4.5	24.0	42.0
79640	1 G 4	12	5.6	38.4	58.0
79641	1 G 6	10	6.1	57.6	85.0
71544	1 G 10	8	8.0	96.0	130.0
79642	1 G 16	6	9.8	154.0	190.0
79643	1 G 25	4	11.8	240.0	280.0
79644	1 G 35	2	12.9	336.0	400.0
79645	1 G 50	1	16.9	480.0	520.0

Part no.	No. cores x cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	Weight kg/km, approx.
79646	1 G 70	2/0	19.1	672.0	720.0
79647	1 G 95	3/0	21.7	912.0	1050.0
79648	1 G 120	4/0	24.0	1152.0	1220.0
79649	1 G 150	250 kcmil	27.0	1440.0	1500.0
79650	1 G 185	350 kcmil	28.6	1776.0	1940.0
79651	1 G 240	450 kcmil	33.5	2304.0	2675.0
79652	1 G 300	550 kcmil	38.0	2880.0	3300.0