



We Make Modern
Life Possible

INDUSTRIAL CABLES

FLEXICS® CHAIN 11C UL/c(UL)

UL recognized PVC/PUR drag chain cable,
screened



TECHNICAL DATA



Standard
Based on VDE 0285



Rated Voltage
300/500 V (U₀/U)
1000 V (UL/CSA)



Test Voltage
4000 V / 50 Hz



Bending radius (min.)
Fixed installation: 7.5 x ϕ of cable
Flexible use: 10 x ϕ of cable



Bending cycles
5 million



Core identification
Black (continuously numbered), from 3 cores
with green/yellow ground conductor



Fire properties
EN 60332-1-2: self-extinguishing and flame
retardant
UL: vertical flame test VW-1 cable flame test
CSA: FT1



Certificate
UL AWM Style 20234
CSA C22.2 No. 210-11, AWM



Temperature range
Fixed installation: -30°C up to 80°C
Flexible use: -5°C up to 70°C

DESIGN



1

Bare copper conductors, super fine wires class 6 according to DIN EN 60228 / VDE 0295 / IEC 60228

2

Core insulation of special compound based on polyvinyl chloride (PVC)

3

Cores stranded in layers with short lay-lengths

4

Non-woven wrapping over each stranding layer

5

Inner sheath of special compound based on polyvinyl chloride (PVC)

6

Tinned copper wire braiding

7

Non-woven wrapping over braiding

8

Special polyurethane (PUR) outer sheath, colour: grey (RAL 7001)

Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 0.5	8.1	85
3 G 0.5	8.4	96
4 G 0.5	9.1	112
5 G 0.5	9.8	129
7 G 0.5	11.6	166
12 G 0.5	12.7	224
18 G 0.5	14.6	215
25 G 0.5	16.9	438
2 x 0.75	8.4	96
3 G 0.75	8.9	108
4 G 0.75	9.6	130
5 G 0.75	10.3	147
7 G 0.75	12.5	195
12 G 0.75	13.7	283
18 G 0.75	16.1	389
25 G 0.75	18.4	527
2 x 1	8.8	108
3 G 1	9.3	116
4 G 1	10.1	147
5 G 1	11.1	177
7 G 1	13.2	225
12 G 1	14.6	330
18 G 1	17.3	462
25 G 1	19.8	638
2 x 1.5	9.4	131
3 G 1.5	10.0	153
4 G 1.5	11.1	187
5 G 1.5	11.9	215
7 G 1.5	13.8	283
12 G 1.5	16.1	427
18 G 1.5	19.1	605
25 G 1.5	21.9	809
3 G 2.5	11.2	206
4 G 2.5	12.2	245
5 G 2.5	13.3	298
7 G 2.5	15.7	399
12 G 2.5	20.4	586
18 G 2.5	24.0	991
25 G 2.5	28.2	1403
4 G 4	14.0	363
5 G 4	15.4	443
7 G 4	20.0	671
4 G 6	16.1	510
7 G 6	23.0	856



CONTACT PERSON

Dogan Özcan, MSc
Head of Technical Department
+43 (0) 1 70170-154
dogan.oezcan@skw.at

