



INNOVCABLE MOVFLEX ALLROUND DRAG CHAINS SK-C-PUR-AC



- **Conductor material:** bare copper wire
- **Conductor class:** DIN VDE 0295 class 6 and IEC 60228 cl. 6
- **Vein insulation:** Innovlon - special compound for mobile applications, halogen-free
- **White or black veins identified by sequential numbers and 1 lane green ground (G)**
- **Traction-proof central and additional elements**
- **Conductors:** ≤ 11 , twisted in layers. ≥ 12 bundles around the central element
- **Inner jacket:** PUR special for mobile applications, resistant to oils, greases, lubricants, halogen-free
- **Shielding:** Tinned copper wires, 85% coverage
- **Outer jacket:** special PUR-AC for mobile applications, resistant to oils, greases, lubricants and with UV protection, halogen-free



- *Outer cover in Black, RAL 9005*
- *Rated voltage: 1000 V AC*
- *Voltage test: 3.000V*
- *Conductor resistance: according to VDE 0295 class 6 and IEC 60228 class 6*
- *Min. fixed bending radius: 4 x d.*
- *Raio min. de curvatura móvel: 6,5 x D (< 10m) / 7,5 x D (≥ 10m)*
- *Flame resistant according to IEC 60332-1*

Identification

**INNOVCABLE MOVFLEX ALLROUND DRAG CHAINS SK-C-PUR-AC 1000V +90°C
OF:XXXX/YEAR.**

Applicable Specifications

DIN VDE 0295 CLASS 6

IEC 60228 CLASS 6

RAL 9005

DIN EN 60811-2-1

IEC 60332-1

Applications

Control and power shielded flexible cable, for mobile applications with robust electrical, mechanical and dynamic requirements and high usage demands. Excellent protection



against electromagnetic interference, recommended for EMC compliant applications. Suitable for use in automatic industrial production plants, cable trays, lifting and conveying systems. Low tack product. Resistant to oils, greases and lubricants Long life time. Has UV protection. Features a traction-proof central element. Flexible wire braided and drawn to create durability in continuous motion. Silicone-free production. High durability and life time, excellent cost/benefit ratio.

Maximum acceleration 80 m/s²; maximum self-supporting speed 10 m/s, maximum slip up to 5 m/s, maximum self-supporting length 100 m.

- *Excellent bending radius*
- *Reduced External Diameter*
- *Lower Weight*
- *Torsion and Bending Resistant*
- *High Flexibility*
- *Very long lifetime*
- *Excellent value for money*

Maximum Conductor Temperature

Min/max: -50°C / +90°C

Notes

- *We can produce upon request several other cable options and configurations.*
- *Innovcable reserves the right to change this catalogue without prior notice.*



Dimensional n x mm ²	Diametro final mm	Kg/Cu kg/km	Peso kg/km
4 G 0,5	7,9	40,0	84,0
5 G 0,5	8,5	47,0	98,0
7 G 0,5	9,7	61,0	131,0
9 G 0,5	11,1	74,5	168,0
12 G 0,5	14,0	117,0	251,0
18 G 0,5	16,7	176,0	360,0
25 G 0,5	19,2	231,0	480,0
30 G 0,5	21,1	285,0	585,0
36 G 0,5	23,1	368,0	750,0
3 G 0,75	7,5	41,0	80,0
4 G 0,75	8,2	52,0	99,0
5 G 0,75	8,9	62,0	120,0
7 G 0,75	10,0	82,0	154,0
12 G 0,75	15,1	156,0	320,0
18 G 0,75	18,3	233,0	461,0
25 G 0,75	21,4	304,0	612,0
36 G 0,75	25,2	510,0	945,0
42 G 0,75	27,0	555,0	1.080,0
3 G 1	7,9	51,0	94,0
4 G 1	8,7	64,0	116,0
5 G 1	9,5	75,0	140,0
7 G 1	10,9	99,0	186,0
12 G 1	15,4	180,0	363,0
18 G 1	19,3	272,0	535,0
25 G 1	22,2	366,0	712,0
36 G 1	25,3	493,0	898,0
42 G 1	26,7	565,0	1.001,0



Dimensional n x mm ²	Diametro final mm	Kg/Cu kg/km	Peso kg/km
3 G 1,5	8,4	70,0	116,0
4 G 1,5	9,0	87,0	144,0
5 G 1,5	9,8	136,0	171,0
7 G 1,5	11,4	171,0	240,0
12 G 1,5	17,1	247,0	460,0
18 G 1,5	21,4	381,0	630,0
25 G 1,5	23,8	496,0	894,0
36 G 1,5	28,8	764,0	1.230,0
42 G 1,5	30,1	830,0	1.312,0
3 G 2,5	9,5	102,0	161,0
4 G 2,5	10,4	134,0	206,0
5 G 2,5	11,2	156,0	238,0
7 G 2,5	13,5	232,0	350,0
12 G 2,5	22,7	420,0	745,0
18 G 2,5	27,5	637,0	1.114,0
25 G 2,5	30,1	805,0	1.380,0