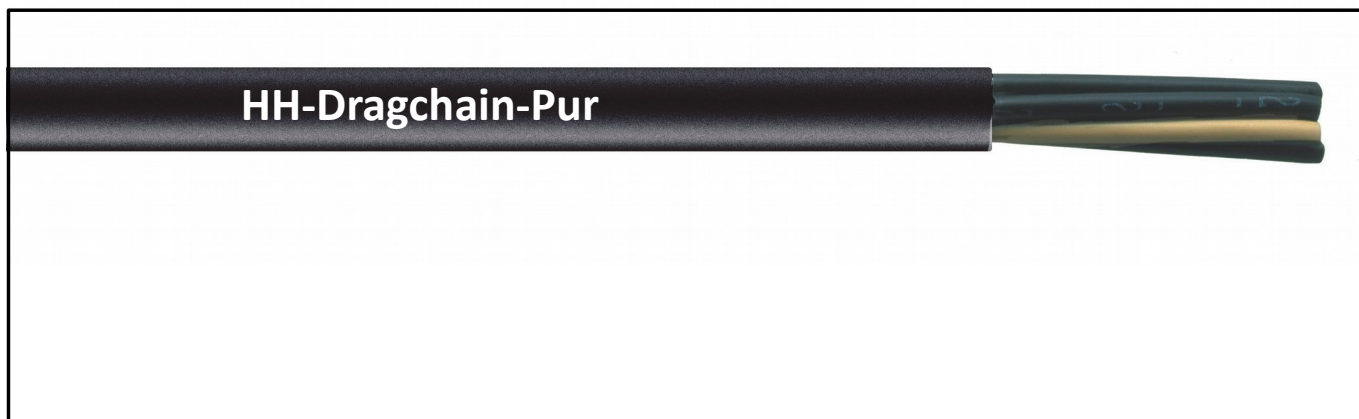


# HH-DRAGCHAIN-PUR



## Application

The special cable for drag chains are used for permanent flexible applications in machineries, machine tools, multi-shift, machinery parts, for movable automated and robot technics operation.

## Construction

1. Bare copper, bunch stranded to DIN VDE 0295 cl.6, col4 and IEC 60228 cl.6, extra fine wire conductors.
2. Black cores with continuous white numbering.
3. Green/Yellow earth core in the outer layer from 3 cores and above.
4. Special core insulation, modified PP.
5. Cores stranded in layers with optimal selected lay-length.
6. Special core wrapping over each layer.
7. Special full-polyurethane outer jacketed TMPU to DIN EN 50363-10-2, black mat to prevent adhesion.

## Technical data

Temperature range

Flexing: -30°C...+80°C

Fixed: -40°C...+80°C

Temperature at conductor: +90°C in operation; +150°C in case of short-circuit

Nominal voltage: U<sub>0</sub>/U: 300/500V

Testing voltage: 4000 V

Flameretardant: DIN EN 60332-1-2

Oilresistant: DIN EN 50363-10-2 and DIN EN 60811-2-1

Bending radius: 7.5 x cable diameter

Halogenfree and weatherresistant.



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Partnumber	Dimension n x mm <sup>2</sup>	Outer Ø ca. mm	Copper weight	Weight
			kg / km	kg / km
47500204	2 x 0,5 mm <sup>2</sup>	5.0 ± 0,2	10,0	37
47500304	3 G 0,5 mm <sup>2</sup>	-	15,0	42
47500404	4 G 0,5 mm <sup>2</sup>	5.9 ± 0,2	20,0	58
47500504	5 G 0,5 mm <sup>2</sup>	-	25,0	67
47500704	7 G 0,5 mm <sup>2</sup>	-	35,0	76
47501204	12 G 0,5 mm <sup>2</sup>	-	60,0	117
47501404	14 G 0,5 mm <sup>2</sup>	9.4 ± 0,2	68,0	141
47501804	18 G 0,5 mm <sup>2</sup>	-	90,0	168
47502504	25 G 0,5 mm <sup>2</sup>	-	125,0	223
47500205	2 x 0,75 mm <sup>2</sup>	-	15,0	44
47500305	3 G 0,75 mm <sup>2</sup>	-	22,5	54
47500405	4 G 0,75 mm <sup>2</sup>	6.5 ± 0,2	30,0	63
47500505	5 G 0,75 mm <sup>2</sup>	-	37,5	74
47500705	7 G 0,75 mm <sup>2</sup>	-	52,5	102
47501205	12 G 0,75 mm <sup>2</sup>	-	90,0	161
47501805	18 G 0,75 mm <sup>2</sup>	-	135,0	222
47502505	25 G 0,75 mm <sup>2</sup>	-	187,5	312
47500206	2 x 1 mm <sup>2</sup>	-	20,0	53
47500306	3 G 1 mm <sup>2</sup>	-	30,0	64
47500406	4 G 1 mm <sup>2</sup>	-	40,0	73
47500506	5 G 1 mm <sup>2</sup>	-	50,0	95
47500706	7 G 1 mm <sup>2</sup>	9.2 ± 0,2	70,0	122
47501206	12 G 1 mm <sup>2</sup>	11.5 ± 0,3	120,0	201
47501806	18 G 1 mm <sup>2</sup>	13.5 ± 0,3	180,0	277
47502506	25 G 1 mm <sup>2</sup>	-	250,0	388
47500207	2 x 1,5 mm <sup>2</sup>	6,5 ± 0,2	30,0	71
47500307	3 G 1,5 mm <sup>2</sup>	7,1 ± 0,2	45,0	86
47500407	4 G 1,5 mm <sup>2</sup>	7,7 ± 0,2	60,0	104
47500507	5 G 1,5 mm <sup>2</sup>	8,7 ± 0,2	75,0	132
47500707	7 G 1,5 mm <sup>2</sup>	10,5 ± 0,3	105,0	181
47501207	12 G 1,5 mm <sup>2</sup>	12,8 ± 0,3	180,0	279
47501807	18 G 1,5 mm <sup>2</sup>	15,4 ± 0,3	270,0	408
47502507	25 G 1,5 mm <sup>2</sup>	-	375,0	569
47500208	2 x 2,5 mm <sup>2</sup>	7.8 ± 0,3	50,0	105
47500308	3 G 2,5 mm <sup>2</sup>	8,6 ± 0,2	75,0	124
47500408	4 G 2,5 mm <sup>2</sup>	9,5 ± 0,3	100,0	164
47500508	5 G 2,5 mm <sup>2</sup>	-	125,0	199
47500708	7 G 2,5 mm <sup>2</sup>	-	175,0	269
47501208	12 G 2,5 mm <sup>2</sup>	-	300,0	448
47501808	18 G 2,5 mm <sup>2</sup>	-	450,0	666
47502508	25 G 2,5 mm <sup>2</sup>	-	625,0	932

Other type's and sizes on request



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