

# PVC Flexible Drag Chain Cable



**Construction** 300/500V cables, flexible PVC insulated and PVC sheathed to DIN VDE 0281 part 1 and HD 21.1, PVC self extinguishing and flame retardant to test method B IEC 60332-1, copper conductors to DIN VDE 0295 class 6 and IEC 60228 class 6, flexing  $-5^{\circ}\text{C}$  to  $80^{\circ}\text{C}$ , fixed  $-40^{\circ}\text{C}$  to  $80^{\circ}\text{C}$ . Minimum bending radius  $7.5 \times$  cable o.d.

**Application** Drag chain cables are ideal for use in the machine tool industry, in robotics and machine production and anywhere high flexibility is essential. These cables have shown excellent performance in cable chain systems. Suitable for flexible use for medium mechanical stresses with free movements.

No. cores & cross-sec. mm <sup>2</sup>	Nominal diameter mm	Approx. mass kg/km	Product code
<b>2C</b>			
0.5	5	46	HF2X0.5
0.75	5.4	58	HF2X0.75
1	5.7	65	HF2X1
1.5	6.4	91	HF2X1.5
2.5	7.7	130	HF2X2.5
<b>2C+E</b>			
0.5	5.3	57	HF3G0.5
0.75	5.7	73	HF3G0.75
1	6	84	HF3G1
1.5	6.8	117	HF3G1.5
2.5	8.4	160	HF3G2.5
4	10.4	221	HF3G4
<b>3+E</b>			
0.5	5.7	70	HF4G0.5
0.75	6.4	77	HF4G0.75
1	6.8	113	HF4G1
1.5	7.4	147	HF4G1.5
2.5	9.1	200	HF4G2.5
4	11.4	260	HF4G4
6	13.3	392	HF4G6
10	17.7	642	HF4G10
<b>4C+E</b>			
0.5	6.4	93	HF5G0.5
0.75	7	119	HF5G0.75
1	7.4	137	HF5G1
1.5	8.3	181	HF5G1.5
2.5	10.2	269	HF5G2.5
4	12.7	318	HF5G4
6	14.5	481	HF5G6
10	19.7	780	HF5G10
<b>6C+E</b>			
0.5	7.5	127	HF7G0.5
0.75	8.3	165	HF7G0.75
1	8.8	192	HF7G1
1.5	9.9	273	HF7G1.5
2.5	12.2	357	HF7G2.5

G = with green-yellow earth core.

X = without green-yellow earth core (OZ).

**Note** Black cores with continuous white numbering according to DIN VDE 0293.

No. cores & cross-sec. mm <sup>2</sup>	Nominal diameter mm	Approx. mass kg/km	Product code
<b>11C+E</b>			
0.5	9.2	177	HF12G0.5
0.75	10.2	247	HF12G0.75
1	10.8	295	HF12G1
1.5	12.1	391	HF12G1.5
2.5	15.2	572	HF12G2.5
<b>17C+E</b>			
0.5	11.1	284	HF18G0.5
0.75	12.1	356	HF18G0.75
1	13	420	HF18G1
1.5	14.5	590	HF18G1.5
2.5	18.1	800	HF18G2.5
<b>24C+E</b>			
0.5	13.4	363	HF25G0.5
0.75	14.9	498	HF25G0.75
1	15.8	600	HF25G1
1.5	17.8	801	HF25G1.5
2.5	22.5	1100	HF25G2.5
<b>41C+E</b>			
0.5	16.1	575	HF42G0.5
0.75	18.1	600	HF42G0.75
1	19.3	948	HF42G1
1.5	21.5	1290	HF42G1.5
2.5	27.4	1800	HF42G2.5
<b>64C+E</b>			
0.75	24.7	841	HF65G0.75
1	23.7	1400	HF65G1
1.5	27.6	1994	HF65G1.5

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Flexible drag chain cables also available with PUR sheath to class 6 stranding. Variations including braided construction also available in both PVC and PUR materials.

Please consult your Olex sales office or the Olex website for further information.