


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>ÖLFLEX® CHAIN 808 CP</b>	07.11.2014

Screened, PVC-insulated, numbered, PUR sheath  
 Good combination of quality and price  
 Compact design  
 Various applications



Oil-resistant



Power chain



Interference signals



UV-resistant

### Info

Basic Line for light & ordinary duty in power chain applications  
 EMC-compliant

### Application range

In power chains or moving machine parts  
 In EMC-sensitive environments  
 Particularly in wet areas of machine tools and transfer lines  
 Suitable for use in measuring, control and regulating circuits  
 In dry, damp or wet interiors

### Product Make-up

Fine-wire strand made of bare copper wires  
 Core insulation: PVC  
 Cores twisted in layers  
 Non-woven wrapping  
 Tinned-copper braiding  
 PUR outer sheath, grey (RAL 7001)


### Norm references / Approvals

Based on EN 50525-2-21  
 For use in power chains: Please comply with the assembly guidelines listed in Appendix T3

### Product features

Low-adhesive surface  
 Oil-resistant  
 Designed for 2 million alternating bending cycles and travel distances up to 10 meter

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### Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths) Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils). Photographs are not to scale and do not represent detailed images of the respective products.

### Technical Data

Core identification code:	Black with white numbers acc. to VDE 0293-1
Classification:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	For flexible applications: Chains in self supporting non-gliding arrangements: 10 x outside diameter Chains in gliding arrangements: 12 x outside diameter Fixed installation: 4 x outer diameter
Nominal voltage:	U <sub>0</sub> /U: 300/500 V
Test voltage:	Core/core: 4000 V Core/screen: 2000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Flexing: -5°C to +70°C Fixed installation: -40°C to +80°C

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## ÖLFLEX® CHAIN 808 CP

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Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CHAIN 808 CP				
1027751	2 X 0,5	5.8	36.0	45
1027752	3 G 0,5	6.1	43.0	59
1027753	4 G 0,5	6.6	49.0	83
1027754	5 G 0,5	7.1	57.0	96
1027755	7 G 0,5	8.5	69.0	136
1027756	12 G 0,5	10.0	104.0	200
1027757	18 G 0,5	11.8	141.0	275
1027758	25 G 0,5	14.1	211.0	350
1027759	2 X 0,75	6.2	43.0	56
1027760	3 G 0,75	6.6	52.0	70
1027761	4 G 0,75	7.1	61.0	95
1027762	5 G 0,75	7.7	72.0	130
1027763	7 G 0,75	9.1	89.0	168
1027764	12 G 0,75	10.9	138.0	232
1027765	18 G 0,75	13.0	211.0	315
1027766	25 G 0,75	15.6	280.0	435
1027767	2 X 1,0	6.5	51.0	84
1027768	3 G 1,0	6.9	62.0	110
1027769	4 G 1,0	7.5	74.0	130
1027770	5 G 1,0	8.3	88.0	156
1027771	7 G 1,0	9.8	112.0	192
1027772	12 G 1,0	11.7	185.0	285
1027773	18 G 1,0	14.0	268.0	395
1027774	25 G 1,0	16.7	354.0	656
1027775	2 X 1,5	7.1	65.0	97
1027776	3 G 1,5	7.5	82.0	125
1027777	4 G 1,5	8.4	100.0	165
1027778	5 G 1,5	9.1	119.0	193
1027779	7 G 1,5	10.9	154.0	245
1027780	12 G 1,5	13.3	268.0	365
1027781	18 G 1,5	15.7	373.0	553
1027782	25 G 1,5	18.7	530.0	734
1027783	3 G 2,5	9.0	118.0	188



Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1027784	4 G 2,5	10.1	147.0	236
1027785	7 G 2,5	13.5	253.0	340
1027788	4 G 4	11.9	248.0	305