


U.I. Lapp GmbH	PRODUCT INFORMATION	
	ÖLFLEX® CHAIN 808 P	07.11.2014

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



Oil-resistant



Power chain



UV-resistant

Info

Basic Line for light & ordinary duty in power chain applications

Application range

Assembly lines, production lines, in all kinds of machines
 In dry, damp or wet interiors
 In power chains or moving machine parts
 Particularly in wet areas of machine tools and transfer lines
 Suitable for use in measuring, control and regulating circuits

Product Make-up

Fine-wire strand made of bare copper wires
 Core insulation: PVC
 Cores twisted in layers
 Non-woven wrapping
 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

Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges. Please find our standard lengths at: 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.

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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_0/U : 300/500 V
Test voltage:	Core/core: 4000 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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Part number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CHAIN 808 P				
1027700	2 X 0,5	5.2	10.0	40
1027701	3 G 0,5	5.5	15.0	48
1027702	4 G 0,5	6.0	20.0	58
1027703	5 G 0,5	6.5	24.0	67
1027704	7 G 0,5	7.7	34.0	88
1027705	12 G 0,5	9.2	58.0	136
1027706	18 G 0,5	11.0	87.0	195
1027707	25 G 0,5	13.3	120.0	274
1027708	2 X 0,75	5.6	15.0	49
1027709	3 G 0,75	6.0	22.0	60
1027710	4 G 0,75	6.5	29.0	73
1027711	5 G 0,75	7.1	37.0	86
1027712	7 G 0,75	8.5	51.0	117
1027713	12 G 0,75	10.3	87.0	181
1027714	18 G 0,75	12.2	130.0	259
1027715	25 G 0,75	14.8	181.0	363
1027716	2 X 1,0	5.9	19.0	58
1027717	3 G 1,0	6.3	29.0	72
1027718	4 G 1,0	6.9	39.0	88
1027719	5 G 1,0	7.5	48.0	104
1027720	7 G 1,0	9.0	67.0	142
1027721	12 G 1,0	10.9	115.0	221
1027722	18 G 1,0	13.2	173.0	324
1027723	25 G 1,0	15.7	240.0	445
1027724	2 X 1,5	6.5	29.0	74
1027725	3 G 1,5	6.9	43.2	93
1027726	4 G 1,5	7.6	58.0	114
1027727	5 G 1,5	8.5	72.0	139
1027728	7 G 1,5	10.3	101.0	189
1027729	12 G 1,5	12.3	173.0	295
1027730	18 G 1,5	14.9	259.0	429
1027731	25 G 1,5	17.9	360.0	597
1027732	3 G 2,5	8.4	72.0	145



Part number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1027733	4 G 2,5	9.3	96.0	179
1027734	7 G 2,5	12.7	168.0	218
1027737	4 G 4	11.1	160.0	266