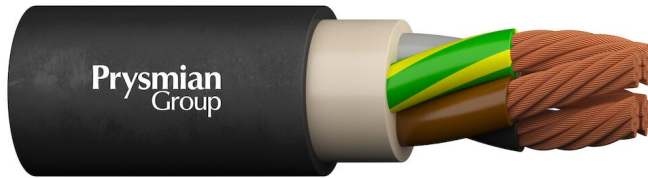


OZOFLEX H07RN-F 450/750V

OZOFLEX™ are extreme flexible, hardwearing and oil-resistant.



OZOFLEX™ rubber cables are suitable for dry as well as humid or moist environments, in- and outdoors. They are extreme flexible, hardwearing and oil-resistant. OZOFLEX™ cables are also appropriate for fixed installations up to 1000 V AC in conduit or appliances, as well as for connection of hoisting motors.

DoP code:1008330

STANDARDS



EN 60079	Application
DIN EN 50525-2-21	General
DIN EN 60228 / IEC 60228	Conductor
EN 50363-1	Compound
EN 50363-2-1	Compound
DIN EN 50575	Fire performance
DIN EN 60332-1-2	Fire performance
DIN EN 60811-404	Chemical behaviour
EN 50396-8-1-3	Chemical behaviour
DIN VDE 0298-4	Electrical parameters

CABLE DESIGN

Conductor	Copper: bare, finely stranded, class 5
Core insulation material	EPR rubber

ELECTRICAL & THERMAL PARAMETERS

Test voltage [kV]	2.5
Laying temperature (min) [°C]	-25
Ambient temperature fix installation (min) [°C]	-40
Ambient temperature fix installation (max) [°C]	90

CHARACTERISTICS

Outdoor installation	Yes
Bending radius (rule)	DIN VDE 0298-4

CHEMICAL PROPERTIES

CPR reaction to fire	Eca
Oil resistant	Yes
UV resistant	Yes

CABLE PROPERTIES

Basic construction	SAP code	Nominal outer diameter [mm]	Cable weight [kg/km]	Short circuit current conductor (1sec) [kA]	Current carrying capacity [A]
1x1,5	20006329	6.4	52	0.24	16
1x25	20003794	14.3	354	3.98	89
1x70	20003797	19.1	1,117	11.13	176
1G70	20007832	19.6	871	11.3	176
1x95	20003798	23.4	1,410	15.11	211
1x120	20003799	25.7	1,410	19.08	247
1x150	20003800	28.3	1,745	23.85	285
1x240	20003802	34.5	2,710	38.16	387
1x300	20008215	37.7	3,315	47.7	445
2x1	20003805	8.9	90	0.16	14
2x1,5	20003806	9.8	115	0.24	18
2x2,5	20003808	11.6	160	0.4	24
2x4	20003809	13.5	225	0.64	32
3G1	20003812	9.5	110	0.16	15
3G1,5	20003814	10.6	140	0.24	19
3x1,5	20003937	10.6	140	0.24	15
3G2,5	20003816	12.5	200	0.4	25
3G4	20003818	14.5	270	0.64	33
3x6	20053665	16.1	355	0.95	34
3G6	20003819	16.1	355	0.95	42
3x10	20053666	21.7	641	1.59	48
3G10	20003820	21.7	665	1.59	59
3x16	20071108	24.7	880	2.54	64
3G16	20003821	24.7	880	2.54	64
3x25	20053999	29.6	1,280	3.98	85
3x35	20003934	33.2	1,650	5.57	105
3x50	20150742	38.5	2,290	7.95	131
4G1	20003825	10.6	135	0.16	12
4G1,5	20003826	11.6	170	0.24	15
4x2,5	20003938	13	245	0.4	18
4G2,5	20003828	13.8	240	0.4	21
4G4	20003830	16	340	0.64	29
4G6	20003832	17.9	455	0.95	35
4G10	20003834	23.7	815	1.59	49

CABLE PROPERTIES

Basic construction	SAP code	Nominal outer diameter [mm]	Cable weight [kg/km]	Short circuit current conductor (1sec) [kA]	Current carrying capacity [A]
4G16	20003835	27	1,100	2.54	66
4x25	20003936	30.8	1,651	3.98	70
4G25	20003836	32.8	1,630	3.98	87
4G35	20003837	37	2,100	5.57	108
4G50	20003838	42.6	2,920	7.95	136
4G70	20003839	48.4	3,860	11.13	169
4G95	20003840	54.7	5,100	15.11	200
4G120	20003841	59.5	6,320	19.08	234
4G150	20016155	62.5	7,990		268
4G185	20016156	66.4	9,620		303
4G240	20025379	76.5	12,430		377
5G1	20003843	11.6	160	0.14	13
5G1,5	20003845	12.8	200	0.21	16
5G2,5	20003847	15.2	290	0.36	22
5G4	20003849	17.8	420	0.57	29
5G6	20003851	19.9	560	0.86	36
5G10	20003853	26	990	1.43	51
5G16	20003856	29.8	1,350	2.29	67
5G25	20003857	36.2	2,000	3.98	89
5G35	20003858	40.4	2,570	5.57	119
5G50	20003859	47.4	3,600	7.95	162
5G70	20003860	53.8	4,820	11.13	209
5G95	20003861	60.5	6,320	15.11	266
7G1,5	20003863	16.7	335	0.24	9
7G2,5	20003866	19.5	480	0.4	13
10G1,5	20003965	17.4	460	0.24	8
12G1,5	20003864	18.2	500	0.24	7
12G2,5	20003868	23.4	715	0.4	10
12G4	20003935	24.5	1,000	0.64	13
18G1,5	20003865	23.5	700	0.24	6
19G1,5	20003970	23.3	785	0.24	6
19G2,5	20003971	26.61	1,110	0.4	8
24G1,5	20003969	27.5	940	0.24	6
24G2,5	20003871	32.6	1,350	0.4	8