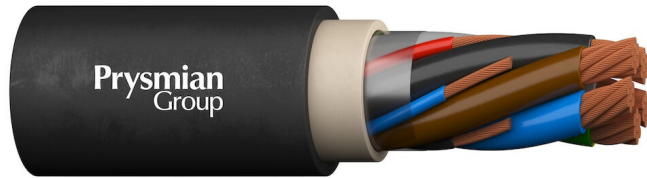


## OZOFLEX\_S07RN-F VG95218T13D

Gummiisolierte Kabel und Leitungen gem. VG 95218 Teil 13D



Suitable for use in dry, humid or moist rooms and outdoor for transportable motors or machines on building sites or in agricultural works. Medium mechanical stresses, e.g. for industrial and agricultural workshop appliances, large boiling installations, heating plates, inspection lamps, electric tools such as drills, circular saws, domestic electric tools. Can be used in workshops having an explosive atmosphere. When a cable is used in the presence of explosive or flammable atmosphere, guidance should be respected with reference to EN 60079 series of specifications and guidance should be sought in selecting the suitable cables. Applicable in fixed installations e.g. on rough-cast in temporary buildings for accommodation purposes, also for wiring of constructional components in lifting appliances and machinery. In other aspects the specifications of DIN VDE 0298 part 300 apply. Oil resistant to EN 60811-404. Resistant to ozone (EN 50363-1 for insulation and EN 50363-2-1 for the outer sheath).

### STANDARDS / APPROVALS



VG 95218-13  
VG 95218-2  
VG 95218-2

Application  
Fire performance  
Chemical behaviour

### CABLE DESIGN

Conductor	round stranded, tinned copper wires acc. to. class 5 of IEC 60228
Core insulation material	EPR rubber
Material inner sheath	EPR rubber
Material outer sheath	Chlorinated polyethylene (CM/CPE)

### ELECTRICAL PARAMETERS

Rated voltage U <sub>0</sub> /U (Um)	450/750 V
Test voltage [kV]	2.5

### THERMAL PARAMETERS

Max. conductor temperature [°C]	60
Ambient temperature fix installation (min) [°C]	-25
Laying temperature (min) [°C]	-40

### CHEMICAL PARAMETERS

Flame retardant	In accordance with EN/IEC 60332-1-2
Oil resistant	acc. IEC/EN 60811-404

### MECHANICAL PARAMETERS

Permanent tensile strength (rule)	15 N/mm <sup>2</sup>
Bending radius (rule)	fixed: D ≤ 8 = 3 D; 8 < D ≤ 12 = 3 D; 12 < D ≤ 20 = 4 D; D > 20 = 4 D flexible: D ≤ 8 = 5 D; 8 < D ≤ 12 = 5 D; 12 < D ≤ 20 = 6 D; D > 20 = 6 D

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## CABLE PROPERTIES

Basic construction	SAP code	External code	Diameter conductor [mm]	Cable diameter (min) [mm]	Cable diameter (max) [mm]	Cable weight [kg/km]
5G10+3x0.75	20375057	T13D001	3.9	25.9	27.5	1,130

Monitoring cores: conductor diameter = 1.1mm

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## CABLE PROPERTIES ELECTRIC

Basic construction	SAP code	External code	Current carrying capacity [A]	Short circuit current conductor (1sec) [kA]
5G10+3x0.75	20375057	T13D001	51	1.59

The values of current carrying capacity and short circuit current are valid for the power cores, one cable in permanent operation with DC or AC with 50 up to 60 Hz at 30 °C ambient temperature, free in air.