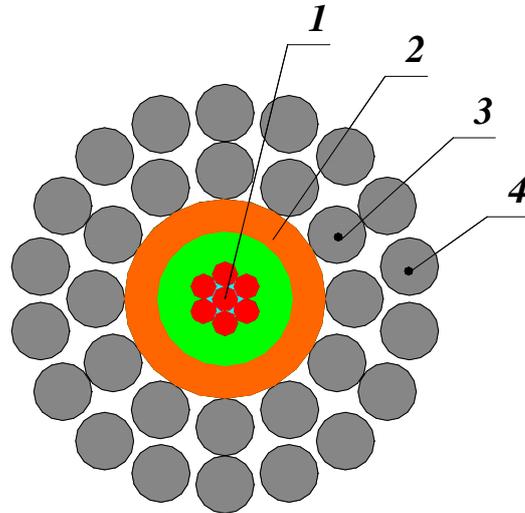


PSKOVGEOCABLE

KG 1x0,75-40-200



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 18, 7x0.37mm (0.75 mm ²), Water blocked	1.11/0.04
2	Insulation	Teflon FEP; Δ=0.62 mm (DUPONT trademarks) Tefzel 280, Δ=0.63 mm (DUPONT trademarks)	3.61/0.14
3	Inner armor	Steel galvanized wire 14x0.89 mm, grade 190 kg/mm ² , water and gas blocking seal	5.4/0.21
4	Outer armor	Steel galvanized wire 17x1.1 mm, grade 190 kg/mm ² , water and gas blocking seal	7.6/0.3

MECHANICAL CHARACTERISTIC

Weight in Air
 Weight in Water
 Breaking Strength
 Max Working load @ 60% strain
 Temperature Rating (Maximum)
 Suggested Minimum Sheave: dia.
 Stretch Coefficient (Nominal)
 Outside Diameter

METRIC

246,2 kg/km
 197,1 kg/km
 40 kN
 24 kN
 200° C
 310mm
 0.45 m/km/kN
 7.6 mm^{+0,23mm}_{-0,15mm}

ENGLISH

165 lb/kft.
 132 lb/kft
 8992 lbf
 5395 lbf
 392 ° F
 12 “
 2,025 ft/kft/klb
 0.3 ”^{+0,008”}_{-0,005”}

ELECTRICAL CHARACTERISTIC

Voltage Rating
 D.C Conductor Resistance
 D.C Armor Resistance
 Capacitance @ 1kHz Conductor to Armor
 Insulation Resistance (Minimum) @ 500 VDC 20000 MΩ*km

660VDC
 25,5 Ω /km
 8,4 Ω/km
 162 pF/m

660VDC
 7.65 Ω/kft
 2,52 Ω/kft
 48,6 pF/ft
 6500 MΩ*kft