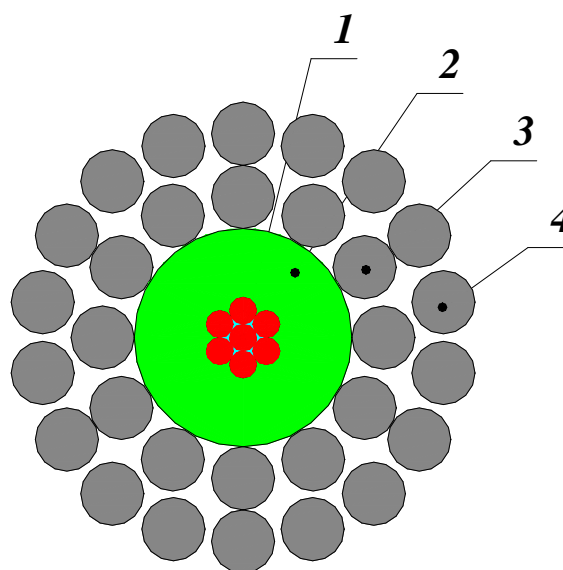


PSKOVGEOCABLE

KG 1x0,75-30-180



№	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	Tefzel 280 , Δ=0.92 mm (DUPONT trademarks)	2.95/0.118
3	Inner armor	Steel galvanized wire 12x0.89 mm, grade 190 kg/mm ² , water and gas blocking seal	4.57/0.18
4	Outer armor	Steel galvanized wire 18x0.89 mm, grade 190 kg/mm ² , water and gas blocking seal	6.35/0.25

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	180,2 kg/km	120,7 lb/kft.
Weight in Water	147,5 kg/km	99 lb/kft
Breaking Strength	30 kN	6750 lbf
Max Working load @ 60% strain	18 kN	4050 lbf
Temperature Rating (Maximum)	180° C	356 ° F
Suggested Minimum Sheave: dia.	300 mm	11,8 "
Stretch Coefficient (Nominal)	0.5 m/km/kN	2,25 ft/kft/klb
Outside Diameter	6.35 mm ^{+0,19mm} _{-0,13mm}	0.25 " ^{+0,008"} _{-0,005"}

ELECTRICAL CHARACTERISTIC

Voltage Rating	660VDC	660VDC
D.C Conductor Resistance	25,5 Ω /km	7.65 Ω/kft
D.C Armor Resistance	10 Ω/km	3 Ω/kft
Capacitance @ 1kHz Conductor to Armor	164 pF/m	49,2 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 MΩ*km	6500 MΩ*kft