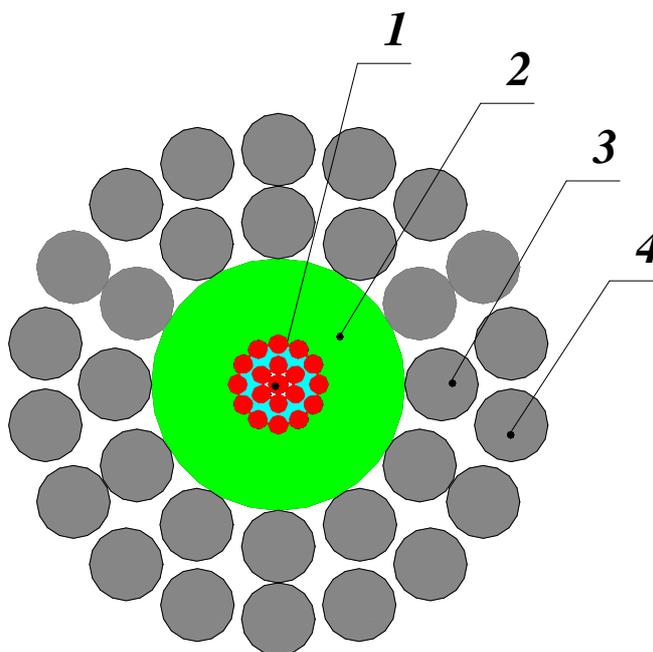


PSKOVGEOCABLE

KG 1x1.5-24-180
7/32"



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 18, 19x0.315mm (1.5 mm ²), Water blocked.	1.55/0.061
2	Insulation	Tefzel 280, Δ=0.63 mm (DUPONT trademarks)	2.81/0.10
3	Inner armor	Steel galvanized wire 12x0.8 mm, grade 190 kg/mm ² , water and gas blocking seal	4.3/0.17
4	Outer armor	Steel galvanized wire 18x0.8 mm, grade 190 kg/mm ² , water and gas blocking seal	5.8/0.23

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	152,2 kg/km	102 lb/kft.
Weight in Water	125,2 kg/km	83,8 lb/kft
Breaking Strength	24 kN	5395 lbf
Max Working load @ 60% strain	14,4 kN	3147 lbf
Temperature Rating (Maximum)	180°C	356 ° F
Suggested Minimum Sheave: dia.	300 mm	11.8 "
Stretch Coefficient (Nominal)	0.55 m/km/kN	2.47 ft/kft/klb
Outside Diameter	5,8 mm ^{+0,17mm} _{-0,12mm}	0,23 " ^{+0,008"} _{-0,005"}

ELECTRICAL CHARACTERISTIC

Voltage Rating	660VDC	660VDC
D.C Conductor Resistance	13,2 Ω /km	4 Ω/kft
D.C Armor Resistance	15 Ω /km	4.5 Ω/kft
Capacitance @ 1kHz Conductor to Armor	180 pF/m	54 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 MΩ*km	6500 MΩ*kft