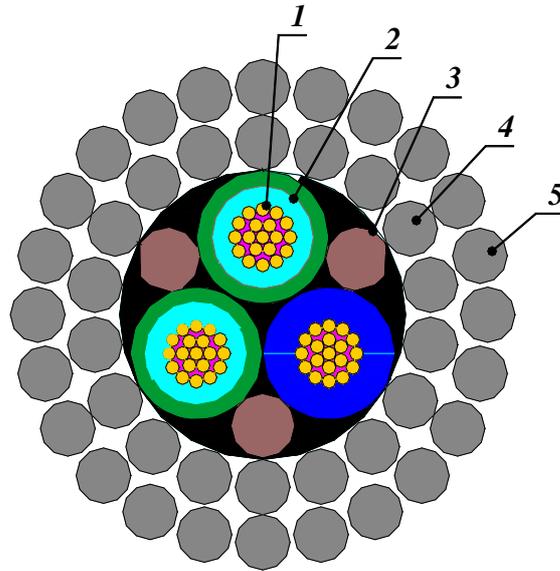


PSKOVGEOCABLE

KG 3x1,5-98-180
15/32"



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper , AWG 16, 19x0.315mm, (1.5 mm ²), Water Blocked.	1.55/0.061
2	Insulation	TEFZEL-280 Δ=0.76 mm, (DUPONT trademarks)	3.10/0.11
3	Filler	Silicon compound, thread, and tape binder	
4	Inner armor	Steel galvanized wire 18x1.3 mm, grade 190 kg/mm ² , water and gas blocking seal	9.4/0.37
5	Outer armor	Steel galvanized wire 24x1.3 mm, grade 190 kg/mm ² , water and gas blocking seal	12.0/0.47

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	567,7 kg/km	380 lb/kft.
Weight in Water	433,4 kg/km	290,4 lb/kft.
Breaking Strength	98 kN	22.000 lbf
Max Working load @ 60% strain	59 kN	13.200 lbf
Temperature Rating (Maximum)	180°C	331° F
Suggested Minimum Sheave: dia	660 mm	26"
Stretch Coefficient (Nominal)	0.18 m/km/kN	0.75 ft/kft/klb
Outside Diameter	12 mm ^{+0,36mm} _{-0,24mm}	0,47 " ^{+0,014"} _{-0,009"}

ELECTRICAL CHARACTERISTIC

Voltage Rating	1400 VDC	1400 VDC
D.C Conductor Resistance	13,2 Ω /km	4.51 Ω/kft
D.C Armor Resistance	4 Ω /km	1.2 Ω/kft
Capacitance @ 1kHz Conductor to Armor	170 pF/m	51 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000MΩ/km	6500 MΩ/kft