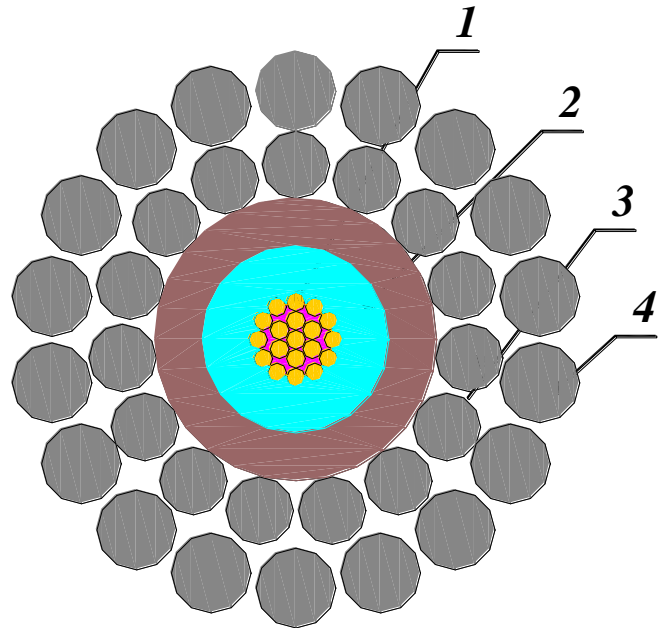


# PSKOVGEOCABLE

**KG 1x1.5-55-200**



№-№	Name of construction	Material	Diameter, mm/in
1.	Conductor	Copper, AWG 20, 19x0.315 mm (1.5 mm <sup>2</sup> ), Water blocked	1.55/0.06
2.	Insulation	TEFLON FEP Δ=0,78 mm, (DUPONT trademarks) TEFZEL 280 Δ=0,78 mm, (DUPONT trademarks)	4,7/0.157
3.	Inner armor	Steel galvanized wire 15x1.1 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	6,8/0.23
4.	Outer armor	Steel galvanized wire 18x1.3 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	9,4/0.35

## 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

376,4 kg/km  
 305,2 kg/km  
 55 kN  
 33 kN  
 200 C  
 430 mm  
 0.22 m/km/kN  
 9,4 mm<sup>+0,34mm</sup><sub>-0,22mm</sub>

## ENGLISH

252,2 lb/kft.  
 204,5 lb/kft  
 12364 lbf  
 7420 lbf  
 392 F  
 17 "  
 0.99 ft/kft/klb  
 0,35 "<sup>+0,012"</sup><sub>-0,008"</sub>

## ELECTRICAL CHARACTERISTIC

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

1500VDC  
 13,2 Ω /km  
 5,4 Ω/km  
 120 pF/m  
 20000 MΩ\*km

1500VDC  
 4 Ω/kft  
 1.62 Ω/kft  
 36 pF/ft  
 6500 MΩ\*kft