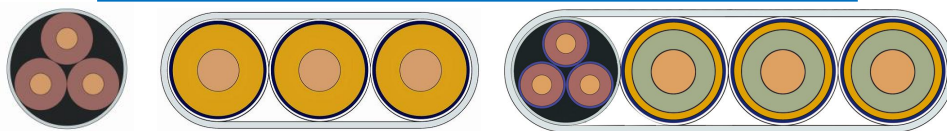


# ESP Cable Solutions Co.,Ltd



## TEC SPECIFICATION

### 3×18AWG TUBING ENCAPSULATED CABLE

INSULATION: **FEP INSULATION**

TAPE: **PTFE TAPE**

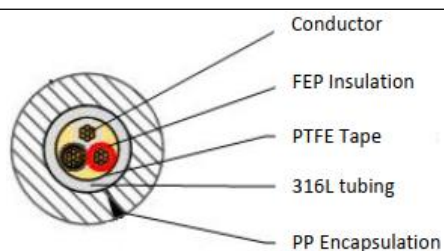
TUBE: **1/4" x 0.035" 316L TUBE**

ENCAPSULATION: **PP MATERIAL**

<b>A.</b>	3 Cores, 18#AWG 7/0.4±0.05mm Tinned Stranded Copper conductor: OD 1.2±0.1mm
<b>B.</b>	FEP INSULATION: OD 2.0±0.15mm, Red core, White core and Black core
<b>C.</b>	CABLING: OD 4.3±0.15mm
<b>D.</b>	PTFE TAPE: OD 4.5±0.15mm
<b>D.</b>	316L TUBE: WALL THICKNESS: 0.889mm(0.035 " ), OD 6.35mm(0.250 " ) Nominal
<b>E.</b>	PP ENCAPSULATION: OD 11±0.50mm

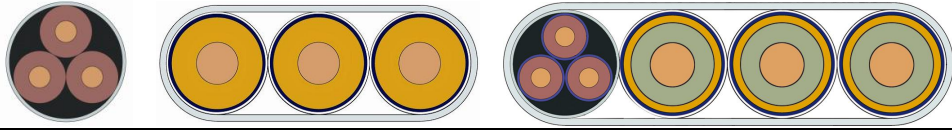
PHYSICAL CHARACTERISTICS	DATA VALUES	
EXTERNAL COLLAPSE PRESSURE		psi
RATED WORKING PRESSURE	16000	psi
TENSILE STRENGTH MIN.		KN
YIELD STRENGTH		MPA
CABLE WEIGHT	228	kg/km
TEMPERATURE RATING	150	°C

ELECTRICAL CHARACTERISTICS	DATA VALUES	
CENTER COND. DC RESISTANCE AT 20°C		ohms/kft
STAINLESS TUBE DC RESISTANCE AT 20°C		ohms/kft
VOLTAGE RATING DC	1000	VRMS
CAPACITANCE CERTER COND. TO TUBE		pf/ft
INSULATION RESISTANCE AT 20°C CENTER CONDUCTOR TO TUBE		megohm-kft



For more details, please contact [inquiry@escablesolutions.com](mailto:inquiry@escablesolutions.com)

# *ESP Cable Solutions Co.,Ltd*



## **Packing Pictures for TEC**



For more details, please contact [inquiry@escablesolutions.com](mailto:inquiry@escablesolutions.com)