

GAALFLEX® TRAY DATA 302 S UL PLTC-ITC 300 V

Special PVC/PVC 105°C Hydrocarbon & UV resistant, with overall Aluminium tape screen, PLTC-ITC acc. to UL13



ELETTROTEK KABEL® GAALFLEX® TRAY DATA 302 S UL PLTC-ITC 300 V



Construction:

CONDUCTOR:	STRANDED BARE COPPER CONDUCTOR, 7 STRAND
INSULATION:	SPECIAL PVC COMPOUND, 105°C
COLOUR CORES:	BLACK-RED-WHITE-GREEN-ORANGE-BLUE-BROWN-YELLOW-VIOLET-GREY-PINK-BROWN
STRANDING:	IN LAYERS
WRAPPING:	PLASTIC TAPE
SCREEN:	ALUMINIUM TAPE + PETP FOIL, + TINNED COPPER DRAIN WIRE
OUTER SHEATH:	BLACK (RAL 9005), SPECIAL PVC COMPOUND

Resistance:



FIRE PERFORMANCE ACC. TO:
IEC 60332-1, IEC 60332-3, UL 1685



LOW SMOKE EMISSION ACC. TO:
IEC 61034



CORROSIVENESS OF CONFLAGRATION GASES ACC. TO:
IEC 60754-2



UV RESISTANCE ACC. TO:
UL1581 §1200 STD.

Technical data:

NOMINAL VOLTAGE:	UL: 300 V
TEST VOLTAGE:	
CORE/CORE:	2 kV
CORE/SCREEN:	2 kV
TEMPERATURE RANGE:	
DURING INSTALLATION:	-5°C UP TO +50°C
FIXED LAYING:	30°C UP TO +80°C
INSULATION OPERATION:	30°C UP TO +105°C
MIN. BENDING RADIUS:	8 x D

Features:

HYDROCARBON & UV RES.
LIMITING OXYGEN INDEX (LOI) MIN 30%
AMOUNT OF HALOGEN ACID GASES ACC. TO IEC 60754-1 (MAX. 1,3%)
UL LISTED TYPE PLTC
ACC. TO STANDARD UL13
ACC. TO ASTM B3 / B33
ACC. TO NEC CODE, SEC. 725 PLTC
ACC. TO NEC CODE, SEC. 727 ITC
ACC. TO UL1685
ACC. TO ASTM D 1239
ACC. TO NF C 32-020
ACC. TO IRAM IAP
ACC. TO CLASS 1 DIV. 2
ROHS APPROVAL
LOW VOLTAGE DIRECTIVE 2014/35/UE

Part no.	No. of pair(s) x cross section n x AWG	Outer-Ø ca. mm ± 10%	Copper weight Lbs/Mft - kg/km	Cable weight approx. Lbs/Mft - kg/km
32300C7M020A18	2 x 18	0,244 - 6,2	-	42 - 62
32300C7M020A16	2 x 16	0,268 - 6,8	-	52 - 77
32300C7M120A16	12 x 16	0,590 - 15	-	296 - 441

Other dimension and colours available on request.