

Specification High Voltage cable Type 370

Silicone PUR HV - Ignition cable, shielded cable EMV

The PUR outer sheath is consistent against oil, dilute base and acid resistant according to VDE 0472 chapter 803

The outer sheath is resistant against wheather, ultraviolet and ozone.

The cable is fit for buried laying.

Conductor class:	fine stranded acc. to DIN VDE 0295 class 5, resp. IEC 228 class 5
Wire diameter:	1,0 mm ² , CU-wire, tin-plateted 32 x 0,2mm
Wrapping:	MYLAR foil, 50% overlapping
1. Screen:	Alu laminated PE foil, metal side outwards
2. Screen:	CU-tin-platet, coverage 85%
Wire insulation:	Special silicone mixture
Diameter:	∅ about 7,3 mm
Outer sheath:	PUR, low adhesion, grey (similar RAL 7000)
Insulation resistance:	≥ 20 MΩ x km
Capacity:	100nF/km
Operating voltage U ₀ :	13.000 V
Test voltage at 50 Hz:	30.000 V
Burning behaviour:	acc. DIN VDE 0472 Chapter 804 type test B and IEC332-1
Operating temperature range	
flexible application:	-40°C to +80°C
fixed laying:	-60°C to +90°C
Max. Temp. (short-term):	+110°C
Minimum bending readius	
flexible application:	120 mm
fixed laying / once bending:	50 mm
Outer diameter:	9,8 mm ± 0,5 mm
Weight :	120g per meter