(N)YM-O

Application

For industrial- and wiring purposes. Usable in the open, in dry, damp and wet environments in the open and concealed, as well as in masonry and in beton, not suitable for imbedding in solidified or compressed concrete.
Outdoor usage is only possible, as long as the cable is protected against direct sunlight.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

Standards

YM: ÖVE / ÖNORM E 8242
NYM: DIN VDE 0250-204:2000-12, self-extinguishing and flame-retardant to VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	solid bare copper conductor to DIN VDE 0295 cl. 1, BS 6360 cl. 1 and IEC 60228 cl. 1
Core Insulation	Polyvinyl chloride (PVC)
Core Color	acc. HD 308 S2
Stranding Elements	cores stranded in layers with optimal laylength
Inner Sheath Material	Filler
Outer Insulation Material	Polyvinyl chloride (PVC) TM1, to DIN VDE 0281 part 1

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ACS Handels GmbH
Kabel - Leitungen - Zubehör
Bahnhofstraße 1, 4531 Kematen / Krems

Tel.: +43 7228 200 880
E-Mail: office@acs.at

Mantel- / Schlauchleitungen
Sheathed Wires

Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	2000 V
Bending Radius moved (xD)	15
Bending Radius fixed (xD)	4
Operating Temperature solid	-40 °C bis 70 °C
Operating Temperature moving	-5 °C bis 70 °C
Fire Classes	Eca

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Mantel- / Schlauchleitungen
Sheathed Wires

Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.	Calorific potential (kWh/m) Calorific potential (kWh/m)
00201044	O	1 x 1,5	grey - grey	40,0	5,4	
00201002	O	2 x 1,5	grey - grey	98,0	8,7	
00201007	O	2 x 2,5	grey - grey	115,0	9,9	
00201008	O	2 x 4	grey - grey	230,0	10,8	0,67
00201067	O	3 x 1,5	grey - grey	115,0	9,5	
00201065	O	3 x 2,5	grey - grey	152,0	10,4	
00201004	O	4 x 1,5	grey - grey	130,0	9,6	
00201051	O	4 x 2,5	grey - grey	182,0	11,2	
00201079	O	4 x 6	grey - grey	420,0	14,8	
00201081	VDE-O	4 x 10 re	grey - grey	650,0	17,8	
00201047	O	5 x 1,5	grey - grey	156,0	10,3	
00201005	O	7 x 1,5	grey - grey	225,0	11,3	

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