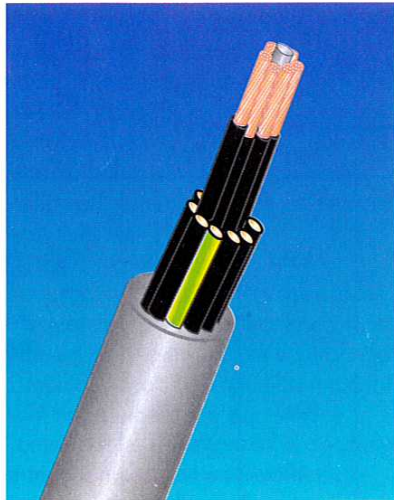


# RHEYFLEX® 500 Y

**300/500 V**



**Max core temperature: 70 °C**

**Type Approval Certificates**  
VDE Reg N° 7691

**Applications**

In dry and moist rooms for light and medium mechanical stresses. Not outdoors. As supply or interconnecting cable for measuring, controlling and regulating, according to DIN VDE 0113 for computers units for control equipments on machine tools, assembly lines, for control equipment on conveyors and production lines for controlling, regulating, and monitoring work processes, industrial plants and production lines when temporarily freely moved and no periodic recurrence without forced guidance. Cross sections above 10 mm<sup>2</sup> are energy supply cable for fixed installations on machine tools in production lines. Cores are normally identified by colours to VDE 0293.

**Design**

**1. Conductor**

Copper bare stranded, VDE 0295 Class 5

**2. Insulation**

PVC Type Y12 (polyvinyl chloride)

**3. Outer Sheath**

PVC Type YM2 (polyvinyl chloride), colour: grey

**Core Identification**

Colour: black, white printed numbers and or without green/yellow core. Rheyflex special design: coloured cores

**Marking**

Rheyflex 500- Y - JZ - 300/500V n G s VDE Reg. N° 7691 or

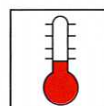
Rheyflex Y - OZ - 300/500V n x s VDE Reg. N° 7691



Lead Free



Flexible



-35/+70 °C in fixed conditions  
-15/+70 °C in mobile conditions

**I RHEYFLEX® 500 Y**

Article No.	No. of cores and rated cross section (mm <sup>2</sup> )	Outer diameter approximately (mm)	Weight approximately (kg/km)	Copper content (kg/km)	Packaging
78703002	2 x 0.5	4.9	32	9.6	longest length
78703003	3 G 0.5	5.1	41	14.4	longest length
78703004	4 G 0.5	5.6	44	19.2	longest length
78703005	5 G 0.5	6.3	53	2.4	longest length
78703007	7 G 0.5	6.5	74	34	longest length
78703012	12 G 0.5	8.8	111	58	longest length
78703018	18 G 0.5	10.6	163	86	longest length
78703021	21 G 0.5	11.6	193	101	longest length
78703040	40 G 0.5	15.4	345	192	longest length
78703102	2 x 0.75	5.1	40	14	longest length
78813102	2 x 0.75	5.1	40	14	100 m Carton Box
78803102	2 x 0.75	5.1	40	14	500 m drum EN51
78823102	2 x 0.75	5.1	40	14	1000 m drum EN52
78703103	3 G 0.75	5.6	53	22	longest length
78813103	3 G 0.75	5.6	53	22	100 m Carton Box
78803103	3 G 0.75	5.6	53	22	500 m drum EN51
78823103	3 G 0.75	5.6	53	22	1000 m drum EN52
78703104	4 G 0.75	6	56	29	longest length
78813104	4 G 0.75	6	56	29	100 m Carton Box
78803104	4 G 0.75	6	56	29	500 m drum EN51
78823104	4 G 0.75	6	56	29	1000 m drum EN52
78703105	5 G 0.75	6.6	67	36	longest length
78813105	5 G 0.75	6.6	67	36	100 m Carton Box
78803105	5 G 0.75	6.6	67	36	500 m drum EN51
78823105	5 G 0.75	6.6	67	36	1000 m drum EN81
78703107	7 G 0.75	7.1	96	50	longest length
78813107	7 G 0.75	7.1	96	50	100 m Carton Box
78803107	7 G 0.75	7.1	96	50	500 m drum EN51
78823107	7 G 0.75	7.1	96	50	1000 m drum EN82
78703108	8 G 0.75	8.5	106	57	longest length
78703110	10 G 0.75	9.2	131	72	longest length
78703112	12 G 0.75	9.8	149	86	longest length
78813112	12 G 0.75	9.8	149	86	100 m Carton Box
78803112	12 G 0.75	9.8	149	86	500 m drum EN81
78823112	12 G 0.75	9.8	149	86	1000 m drum EN83
78703118	18 G 0.75	11.4	212	130	longest length
78813118	18 G 0.75	11.4	212	130	100 m Carton Box
78803118	18 G 0.75	11.4	212	130	500 m drum EN81
78823118	18 G 0.75	11.4	212	130	1000 m drum EN09
78703121	21 G 0.75	13.1	259	151	longest length
78703125	25 G 0.75	14	296	180	longest length

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