



conductor material:	bare copper, extra fine wire conductors, to VDE 0295 cl.6
insulation:	special PVC TI2, to DIN VDE 281 part 1
core identification:	cores colour coded to DIN 47100
stranding:	in layers with optimal selected lay-length
sheathing material:	special PVC TM2, to DIN VDE 0281 part 1
sheathing colour:	grey RAL 7001
marking:	with meter marking
nominal voltage:	350 V
test voltage:	1500 V
breakdown voltage:	min. 3000 V
temperature range, moved:	-5 up to +70°C
temperature range, fixed:	-40 up to 70°C (short time +105°C)
insulation resistance:	min. 20 Mohm x km
min. bending radius, moved:	5 x D
min. bending radius, fixed:	3 x D
radiation resistance:	up to 80x10 ⁶ cJ/kg (up to 80Mrad)

application: The ideal cable for use in cable trays. This high flexible cable is ideal for all areas requiring a high and fast flexing cable including the machine industries, robotics and all areas of highly mobile machine parts. The long working life offers a secure performance as well as economy.

resistance / features:

<ul style="list-style-type: none"> - extensively oil resistant - adhesion-free - PVC self-extinguishing and flame retardant acc. to VDE 0482-332-1-2, DIN EN 60332-1-2/IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B) 	<ul style="list-style-type: none"> - the materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers
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*The products and information presented here are for technical calculation only.
They are subject to technical progress and in no way represent the ability of shipment.
Outer diameters are approximately.*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
0902014P	KENFLEX 100 DIN 47100 2 x 0,14	3,5	2,8	23
0903014P	KENFLEX 100 DIN 47100 3 x 0,14	3,7	4,1	25
0904014P	KENFLEX 100 DIN 47100 4 x 0,14	3,9	5,6	30
0905014P	KENFLEX 100 DIN 47100 5 x 0,14	4,2	7,0	35
0907014P	KENFLEX 100 DIN 47100 7 x 0,14	4,8	9,8	49
0910014P	KENFLEX 100 DIN 47100 10 x 0,14	6,2	14,0	64
0912014P	KENFLEX 100 DIN 47100 12 x 0,14	6,3	16,8	71
0914014P	KENFLEX 100 DIN 47100 14 x 0,14	6,6	19,6	77
0918014P	KENFLEX 100 DIN 47100 18 x 0,14	7,2	25,2	90
0924014P	KENFLEX 100 DIN 47100 24 x 0,14	8,5	33,6	119
0925014P	KENFLEX 100 DIN 47100 25 x 0,14	8,6	35,0	124
0902025P	KENFLEX 100 DIN 47100 2 x 0,25	4,2	5,0	28
0903025P	KENFLEX 100 DIN 47100 3 x 0,25	4,4	7,5	33
0904025P	KENFLEX 100 DIN 47100 4 x 0,25	4,7	10,0	39
0905025P	KENFLEX 100 DIN 47100 5 x 0,25	5,1	12,5	50
0907025P	KENFLEX 100 DIN 47100 7 x 0,25	6,1	17,5	63
0910025P	KENFLEX 100 DIN 47100 10 x 0,25	7,2	25,0	83
0912025P	KENFLEX 100 DIN 47100 12 x 0,25	7,5	30,1	95
0914025P	KENFLEX 100 DIN 47100 14 x 0,25	7,9	35,0	107
0918025P	KENFLEX 100 DIN 47100 18 x 0,25	8,9	45,0	130
0924025P	KENFLEX 100 DIN 47100 24 x 0,25	10,4	60,0	170
0925025P	KENFLEX 100 DIN 47100 25 x 0,25	10,5	62,5	177
0902034P	KENFLEX 100 DIN 47100 2 x 0,34	4,6	6,8	33
0903034P	KENFLEX 100 DIN 47100 3 x 0,34	4,8	10,2	42
0904034P	KENFLEX 100 DIN 47100 4 x 0,34	5,2	13,6	56
0905034P	KENFLEX 100 DIN 47100 5 x 0,34	6,1	17,0	64
0907034P	KENFLEX 100 DIN 47100 7 x 0,34	7,0	23,8	84
0910034P	KENFLEX 100 DIN 47100 10 x 0,34	8,4	34,0	116
0912034P	KENFLEX 100 DIN 47100 12 x 0,34	8,5	40,8	133
0914034P	KENFLEX 100 DIN 47100 14 x 0,34	9,0	47,6	150
0918034P	KENFLEX 100 DIN 47100 18 x 0,34	10,1	61,2	182
0924034P	KENFLEX 100 DIN 47100 24 x 0,34	12,0	81,5	240
0925034P	KENFLEX 100 DIN 47100 25 x 0,34	12,2	85,0	250