



conductor material:	bare copper
conductor construction:	ultra-fine conductors acc. to DIN VDE 0295 cl. 6/IEC 60228 cl. 6
sheathing material:	extremely thick PUR wearing sheath, triple extruded with each other cured
colour of the sheath:	red bright, like RAL 3000 (other colours on request!)
temperature range, moved:	-40 up to 80°C
temperature range, fixed:	-50 up to 90°C
nominal voltage U₀:	600 V
nominal voltage U:	1000 V
test voltage:	8000 V in thoughtput
insulation resistance:	min. 20 Mohm/km
min. bending radius:	approx. 15 x D

application: This cable is employed as a highly-flexible high-current cathode cable for electroplating drum systems and as a wearing cable in the chemical industry. Despite the extremely thick wearing sheath, the highly flexible conductor enables good contact when installing the pear push. Good flexibility is likewise ensured when the pear push comes into contact with the parts to be electroplated.

resistance / features:

<ul style="list-style-type: none"> - halogen-free - extremely abrasion resistant - UV-resistant - oil-resistant - hydrolyses and microbe resistant 	<ul style="list-style-type: none"> - chemical resistance (PUR demonstrates significantly better chemical resistance when compared with other materials, e.g. rubber or PVC) - the extremely thick PUR sheath means longer service life
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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
00510S	KENFLEX GALVANITEC 1 x 35	17,2	336,0	548,0
00512S	KENFLEX GALVANITEC 1 x 50	19,0	480,0	686,0
00514S	KENFLEX GALVANITEC 1 x 70	21,5	672,0	950,0
00524S	KENFLEX GALVANITEC 1 x 95	24,0	912,0	1386,0
00529S	KENFLEX GALVANITEC 1 x 120	27,0	1152,0	1520,0
00525S	KENFLEX GALVANITEC 1 x 150	28,0	1440,0	2002,0
00526S	KENFLEX GALVANITEC 1 x 185	30,5	1776,0	2610,0
00527S	KENFLEX GALVANITEC 1 x 240	36,0	2304,0	3820,0