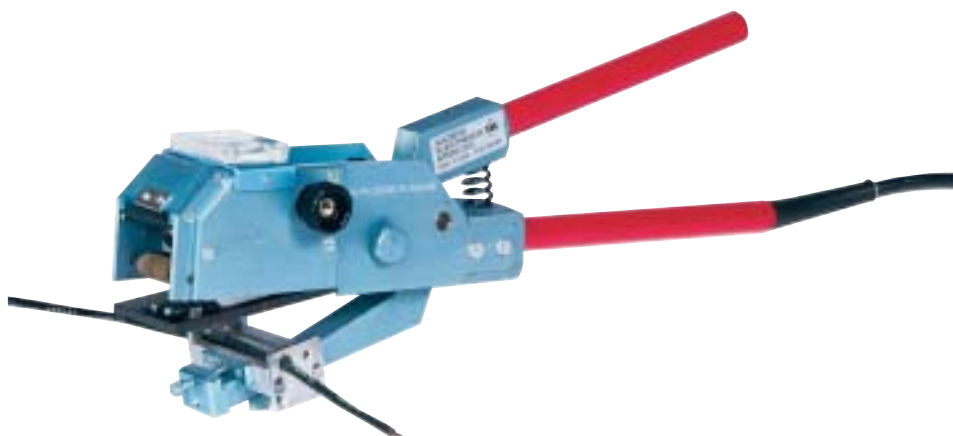




Specifications

The KABEX^{PLUS} 86 printing tool is used to mark PVC insulations by the hot foil method, and is supplied with a transformer 230V / 14V - 18W. The tool and the transformer are delivered in a rigid PVC case. KABEX^{PLUS} 86 is equipped with 10 or 12 rotating print wheels according to print height. Selection of characters, and wheel changing is very rapid. KABEX^{PLUS} 86 can be used manually or can be bench mounted.

This cable printing method is the result of a 20 years experience.

Printing tape

- width : **30 mm**
- length : **40 m**
- number of prints per tape : **approx. 8000**
- standard colours : **black and white**
- colours upon request : **red, yellow, green, blue, brown, orange**
- grade : *** P 81^{Plus} to mark flexible PVC insulation**
*** X 77^{Plus} to mark rigid PVC insulation**



Printing component :

- number of narrow wheels : **12**
print height : **1.4, 1.5, 1.6, 1.7, 2.0 mm**
with maximum 24 characters or signs
print : **horizontal or vertical**
- number of normal wheels : **10**
print height : **2.1, 2.5, 3.0, 3.3, 3.5, 4.0 mm**
with maximum 18 characters or signs
print : **horizontal only**

Heating :

- transformer supply : **230 V / 14 V**
- resistance : **18 W**

Weight :

- KABEXPLUS 86 complete : **1150 g**
- Complete printing tool with transformer : **2100 g**
- Case with printing tool and transformer : **3950 g**

- Dimensions :**
- length : **320 mm**
 - width : **50 mm**
 - height : **120 mm**



Note : When fewer wheels than the provided number are needed, then counterbalance with spacer wheels. To avoid any mistake, we have developed control grids explaining wheel development and giving details about characters and legends



Complete KABEX^{PLUS} 86 printing tool - standard unit

type	article number	composition
KABEX^{plus} 86		
Case 1	0505 0600 000	Print height 1.7 mm concave - horizontal print with transformer 230V/14V (505-790) 12-wheel printing tool equipped as follows (wheel mounting order) : - 2 wheels numeric marking (0505 0656 000 1.7/VI) - 1 wheel alphabetic marking (0505 0653 000 1.7/VI) - 3 wheels numeric marking (0505 0656 000 1.7/VI) - 6 spacers (0505 0760 000)



VARIATION :

KABEX^{plus} 86		
Case 2	0505 0700 000	Standard tool for 12 wheels, without wheels and with transformer 230V/14V - 18W
KABEXplus 86		
Case 3	0505 0701 000	Standard tool for 12 wheels, without wheels, and without transformer 230V/14V - 18W
KABEX^{plus} 86		
Case 4	0505 0800 000	Standard tool for 10 wheels, without wheels, and with transformer 230V/14V - 18W
KABEX^{plus} 86		
Case 5	0505 0801 000	Standard tool for 10 wheels, without wheels, and without transformer 230V/14V - 18W



Tapes for KABEX^{plus} 86

type	article number	pack	
Marking tapes width 30 mm in 40 m rolls			
P 81 ^{Plus} red	0505 0769 007	1	Tape grade P 81 ^{Plus} red
P 81 ^{PLUS} : Tape grade recommended for cellulose acetate, Delrin, ABS, Polystyrene, high-density Polyethylene, flexible and rigid PVC.			
Print temperature : 100 to 150°C			
X 77 ^{Plus} black	0505 0770 010	1	Tape grade X 77 ^{Plus} black
X 77 ^{Plus} white	0505 0770 001	1	Tape grade X 77 ^{Plus} white
X 77 ^{Plus} red	0505 0771 007	1	Tape grade X 77 ^{Plus} red

X 77^{PLUS}: Tape grade recommended for Polypropylene, low and high-density Polyethylene, Polystyrene, Polyamide, Polycarbonate, Polyurethane, PVC, Polyester, cellulose acetate, PTFE, Delrin, ABS.

Print temperature : 110 to 200°C



Accessories for KABEX^{plus} 86 printing tool

code		
0505 0790 000	1	Transformer 230V/14V - 18W
0505 0709 000	1	Bench fixing device
0505 0761 000	1	Bench fixing device
0505 0762 000	1	Spare cartridge heater
0505 0763 000	1 set	Wire-guide plates P 86 036 Ø1 to 6mm
0505 0764 000	1set	Wire-guide plates P 86-136 Ø5 to 10mm
0505 0760 000	1	Spacer 12 wheel combination
0505 0759 000	1	Spacer 10 wheel combination

KABEX^{plus} printing wheels

Standard wheels, concave characters, horizontal print

Article number

Designation and standard composition

Narrow wheels for tool with 12 wheels - please order by the roman numerals shown
print height 1.7 mm concave for horizontal print

0505 0651 000	Wheel 1,7/I	A B C D E F G H J K L M N O P R S T U V W X Y Z
0505 0652 000	Wheel 1,7/II	A B C D E F G H J K L M N P R S T U V W X Y Z space
0505 0653 000	Wheel 1,7/III	A B C D E F G H K L M N P R S T U V W X Y Z - space
0505 0654 000	Wheel 1,7/IV	1 2 3 4 5 6 7 8 9 0 A B C D E F G H I J K L - space
0505 0655 000	Wheel 1,7/V	1 2 3 4 5 6 7 8 9 0 M N P R S T U V W X Y Z - space
0505 0656 000	Wheel 1,7/VI	1 2 3 4 5 6 7 8 9 0 + - space
0505 0657 000	Wheel 1,7/VII	A B C D E F G H I J K L M + - space
0505 0658 000	Wheel 1,7/VIII	N O P Q R S T U V W X Y Z + - space

Narrow wheels for tool with 12 wheels - please order by the roman numerals shown
print height 2.0 mm concave for horizontal print

0505 0661 000	Wheel 2,0/I	A B C D E F G H J K L M N O P R S T U V W X Y
0505 0662 000	Wheel 2,0/II	A B C D E F G H J K L M N P R S T U V W X Y Z space
0505 0663 000	Wheel 2,0/III	A B C D E F G H K L M N P R S T U V W X Y Z - space
0505 0664 000	Wheel 2,0/IV	1 2 3 4 5 6 7 8 9 0 A B C D E F G H I J K L - space
0505 0665 000	Wheel 2,0/V	1 2 3 4 5 6 7 8 9 0 M N P R S T U V W X Y Z - space
0505 0666 000	Wheel 2,0/VI	1 2 3 4 5 6 7 8 9 0 + - space
0505 0667 000	Wheel 2,0/VII	A B C D E F G H I J K L M + - space
0505 0668 000	Wheel 2,0/VIII	N O P Q R S T U V W X Y Z + - space

Normal wheels for tool with 10 wheels - please order by the roman numerals shown
print height 3.0 mm concave for horizontal print

0505 0671 000	Wheel 3,0/I	1 2 3 4 5 6 7 8 9 0 + - space
0505 0672 000	Wheel 3,0/II	1 2 3 4 5 6 7 8 9 0 A B C D E F - space
0505 0673 000	Wheel 3,0/III	1 2 3 4 5 6 7 8 9 0 G H I J K L - space
0505 0674 000	Wheel 3,0/IV	1 2 3 4 5 6 7 8 9 0 M N P R S T - space
0505 0675 000	Wheel 3,0/V	1 2 3 4 5 6 7 8 9 0 U V W X Y Z - space
0505 0676 000	Wheel 3,0/VI	A B C D E F G H I J K L M + - space
0505 0677 000	Wheel 3,0/VII	N O P Q R S T U V W X Y Z + - space



Special Wheels for KABEX^{plus} 86

Article number	Designation and standard composition																							
Normal wheels (10 wheels tool)																								
concave standard markings (see table)																								
height 4.0 mm for horizontal print																								
0505 0681 000	wheel 4,0/I	1	2	3	4	5	6	7	8	9	0	+	-	space										
0505 0682 000	wheel 4,0/II	1	2	3	4	5	6	7	8	9	0	A	B	C	D	E	F	-	space					
0505 0683 000	wheel 4,0/III	1	2	3	4	5	6	7	8	9	0	G	H	I	J	K	L	-	space					
0505 0684 000	wheel 4,0/IV	1	2	3	4	5	6	7	8	9	0	M	N	P	R	S	T	-	space					
0505 0685 000	wheel 4,0/V	1	2	3	4	5	6	7	8	9	0	U	V	W	X	Y	Z	-	space					
0505 0686 000	wheel 4,0/VI	A	B	C	D	E	F	G	H	I	J	K	L	M	+	-	space							
0505 0687 000	wheel 4,0/VII	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	+	-	space							

Special Wheels for KABEX^{PLUS} 86

Narrow wheels (12 wheels tool)
concave standard markings (see table)
heights 1.4, 1.5, 1.6, 1.7, 2.0 mm
for horizontal and vertical print (please state)

Article number		
0505 0711 000	wheel 12R with	1 legend
0505 0712 000	wheel 12R with	2 legends
0505 0713 000	wheel 12R with	3 legends
0505 0714 000	wheel 12R with	4 legends
0505 0715 000	wheel 12R with	5 legends
0505 0716 000	wheel 12R with	6 legends
0505 0717 000	wheel 12R with	7 legends
0505 0718 000	wheel 12R with	8 legends
0505 0719 000	wheel 12R with	9 legends
0505 0720 000	wheel 12R with	10 legends
0505 0721 000	wheel 12R with	11 legends
0505 0722 000	wheel 12R with	12 legends
0505 0723 000	wheel 12R with	13 legends
0505 0724 000	wheel 12R with	14 legends
0505 0725 000	wheel 12R with	15 legends
0505 0726 000	wheel 12R with	16 legends
0505 0727 000	wheel 12R with	17 legends
0505 0728 000	wheel 12R with	18 legends
0505 0729 000	wheel 12R with	19 legends
0505 0730 000	wheel 12R with	20 legends
0505 0731 000	wheel 12R with	21 legends
0505 0732 000	wheel 12R with	22 legends
0505 0733 000	wheel 12R with	23 legends
0505 0734 000	wheel 12R with	24 legends

Normal wheels (10 wheels tool)
concave standard markings (see table)
heights 2.1, 2.5, 3.0, 3.3, 3.5, 4.0 mm
for horizontal print only

Article number		
0505 0741 000	wheel 10R with	1 legend
0505 0742 000	wheel 10R with	2 legends
0505 0743 000	wheel 10R with	3 legends
0505 0744 000	wheel 10R with	4 legends
0505 0745 000	wheel 10R with	5 legends
0505 0746 000	wheel 10R with	6 legends
0505 0747 000	wheel 10R with	7 legends
0505 0748 000	wheel 10R with	8 legends
0505 0749 000	wheel 10R with	9 legends
0505 0750 000	wheel 10R with	10 legends
0505 0751 000	wheel 10R with	11 legends
0505 0752 000	wheel 10R with	12 legends
0505 0753 000	wheel 10R with	13 legends
0505 0754 000	wheel 10R with	14 legends
0505 0755 000	wheel 10R with	15 legends
0505 0756 000	wheel 10R with	16 legends
0505 0757 000	wheel 10R with	17 legends
0505 0758 000	wheel 10R with	18 legends

Contact us for :

- Narrow wheels for 12-wheel tools, with standard marking of height 2.1, 2.5 or 3.0 mm (maximum 18 legends)
- Wheels with flat standard markings

Standard markings for special wheels according to print height

Marking :	for 12-wheel tool of maximum 24 legends										for 10-wheel tool of maximum 18 legends			
print height in mm	1,4		1,5		1,6		1,7		2,0		2,1	2,5	3,0	3,3
orientation (v=vertical, h=horizontal)	h	v	h	v	h	v	h	v	h	v	h	h	h	h
A to Z														
a to z														
a to z (sans g-j-p-q-y)														
0 to 9														
, . ° x () ; / * Ω = - + II III V X ⚡ ☐ ~														
, . ° () / * Ω = - + II III ⚡ ➡ ☐ ~														

