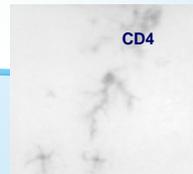
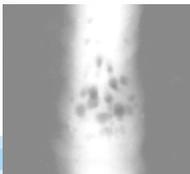




[www.foma.eu](http://www.foma.eu)



## FOMA NDT SYSTEM

- 
- 

INDUX FOMADUX

e  
)

FOMA BOHEMIA s.r.o. (Ltd.) 1986

INDUX (FOMADUX)

1995 - 60-  
e

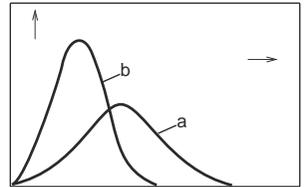
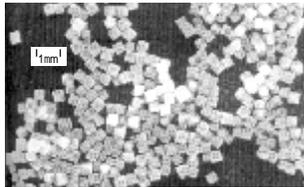
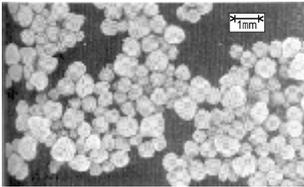
-R5 R7.

e FOMADUX.  
e

R2 R8

INDUX (FOMADUX).

Rx8,



)

)

(FOMANDT SYSTEM)

FOMA NDT SYSTEM

FOMADUX  
FOMADUX,

( )

|                |     |   |
|----------------|-----|---|
| INDUX R2       | e a |   |
| INDUX R3       | e   |   |
| INDUX R4       | e   |   |
| INDUX R5       | e e |   |
| INDUX R7       | e   |   |
| INDUX R8       | e   |   |
| FOMADUX<br>RX8 | e o | e |

e

| Марка                    |                        |                      |                            | Agfa       | Foma    | Fuji   | Kodak     | макс.<br>зернистость | МИН.<br>G2 | МИН.<br>сигнал/шум |
|--------------------------|------------------------|----------------------|----------------------------|------------|---------|--------|-----------|----------------------|------------|--------------------|
| В мире EN ISO<br>11699-1 | В США ASTM<br>E1815-96 | В Японии<br>K7627-97 | В Европе EN ISO<br>11699-1 | Strukturix | Fomadux | IX     | Industrex |                      |            |                    |
| C1                       | Special                | T1                   | C1                         | D2         | R2      | IX 25  | DR 50     | 0,018                | 4,5        | 300                |
| C2                       | I                      | T1                   | C2                         | D3         | R3      | IX 50  | M 100     | 0,020                | 4,3        | 230                |
| C3                       | I                      | T2                   | C3                         | D4         | R4      |        | MX 125    | 0,023                | 4,1        | 180                |
| C4                       | I                      | T2                   | C4                         | D5         | R5      | IX 80  | T 200     | 0,028                | 4,1        | 150                |
| C5                       | II                     | T3                   | C5                         | D7         | R7      | IX 100 | AA 400    | 0,032                | 3,8        | 120                |
| C6                       | III                    | T4                   | C6                         | D8         | R8      | IX 150 | CX        | 0,039                | 3,5        | 100                |

e

11699-1

1 6,

-  $D_{min}+2$   
 -  $D_{min}+4$   
 -  $D_{min}+2$   
 -  $D_{min}+2$

e

G/s,

11699-1

e

| Класс по ЭН ИСО<br>11699-1 | G $D_{min}+2$ | G $D_{min}+4$ | $\sigma$     | G/ $\sigma$ |
|----------------------------|---------------|---------------|--------------|-------------|
| C1                         | $\geq 4,5$    | $\geq 7,5$    | $\leq 0,018$ | $\geq 300$  |
| C2                         | $\geq 4,3$    | $\geq 7,4$    | $\leq 0,020$ | $\geq 230$  |
| C3                         | $\geq 4,1$    | $\geq 6,8$    | $\leq 0,023$ | $\geq 180$  |
| C4                         | $\geq 4,1$    | $\geq 6,8$    | $\leq 0,028$ | $\geq 150$  |
| C5                         | $\geq 3,8$    | $\geq 6,4$    | $\leq 0,032$ | $\geq 120$  |
| C6                         | $\geq 3,5$    | $\geq 5,0$    | $\leq 0,039$ | $\geq 100$  |

e FOMADUX

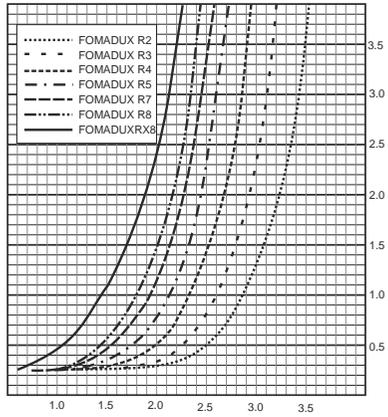
11699-1

|                                    | INDUX R2            | INDUX R3      | INDUX R4       | INDUX R5       | INDUX R7        | INDUX R8         |
|------------------------------------|---------------------|---------------|----------------|----------------|-----------------|------------------|
| 11699-1<br>ASTM E1815<br>DIN 54117 | C1<br>special<br>G1 | C2<br>I.<br>G | C3<br>I.<br>G2 | C4<br>I.<br>G2 | C5<br>II.<br>G4 | C6<br>III.<br>G4 |

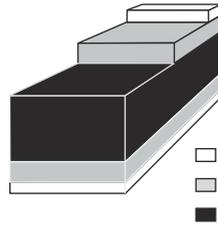
FOMADUX

200 8  
0,025  
FOMADUX LP-D  
2  
VSF 350

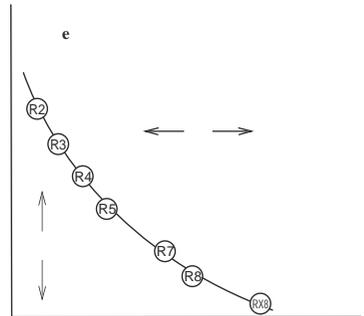
e  
.28



e  
e FOMADUX  
0,175



e  
e  
e FOMADUX  
FOMADUX,  
FOMADUX LP-T, FOMADUX LP-D  
FOMAFIX -  
FOMAFIXH.  
11699-1 FOMATEST SC 981.



e FOMADUX :- (FOMAPAK)  
 - 0,025 0,1 6x10, 6x12,  
 6x16, 6x20, 6x24, 6x30, 6x40, 6x48, 10x10, 10x12, 10x16, 10x20, 10x24, 10x30, 10x40, 10 48, 15x40, 18x24, 24x30  
 30x40 FOMAPAK

- (K )- 6x24, 6x40, 6x48, 10x12, 10x20, 10x24, 10x40, 10x48, 10 72, 18x24, 24x30  
 30x40

- FOMADUX ROLLFILM- 60, 70 100 90  
 0,025

( . . . ) .

e 100

FOMADUX

FOMADUX,

FOMADUX

590

10

FOMATEST

HIO. 500

FOMADUX

10 25

40 - 60%.

100 /

FOMA BOHEMIA spol. s r.o. (Ltd.)

FOMADUX.

FOMADUX

FOMA BOHEMIA spol. s r.o. (Ltd.)

9001,

FOMADUX R4, R5 FOMADUX R7

EZU,



# INDUX R2

INDUX R2 -

INDUX R2

590

INDUX R2

INDUXR2

1

11699-1.

2 0,025  
6 /20°

D = 2, Pb  
FOMADUX LP-T

INDUX R2

( FFD = 100 c )

(FOMAPAK) -

0,025

\_\_\_\_\_ : 6x10, 6x12, 6x16, 6x20, 6x24, 6x30, 6x40, 6x48, 10x10,  
10x12, 10x16, 10x20, 10x24, 10x30, 10x40, 10x48, 18x24, 30x40

FOMAPAK

(K )

\_\_\_\_\_ : 6x24, 6x40, 6x48, 10x12, 10x20, 10x24, 10x40, 10x48,  
10x72, 18x24, 30x40

FOMAPAK  
0,025

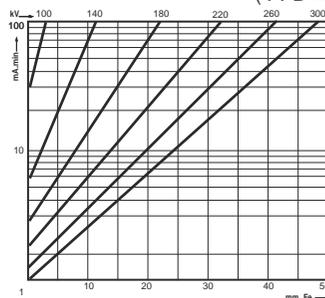
70-

90 / 2.

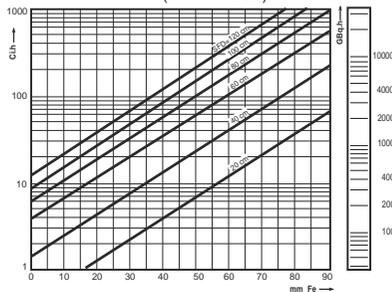
INDUX R2

a

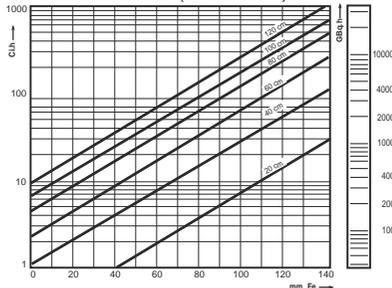
0,175



( 192 )



( 60 )



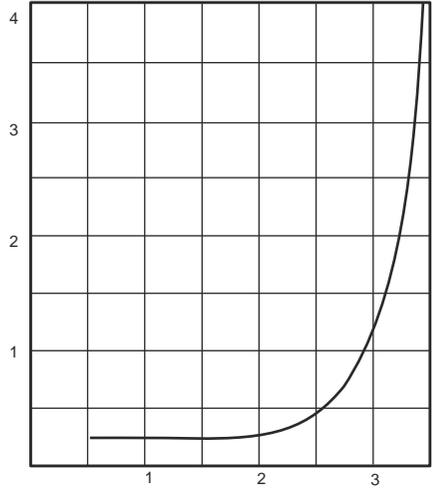
INDUX R2

220 kV/10 A/8 Cu,  
D, 8 /28° , 120

FOMADUX LP-

FOMADUX LP-T -  
( 5 /20° , 1+3)  
FOMAFIX -  
FOTONAL -

FOMADUX LP-D -  
( 2 /28° )  
FOMALP-DS -  
( FOMAFIXH) FOMADUX FIX +  
INDUX R2



5 /20° ).

2 (

50

40 - 60 %

9001.

( 40 - 60%), 10 - 25°C

# INDUX R3

INDUX R3 -

INDUX R3

INDUX R3 2 11699-1  
ASTME 1815.

INDUX R3

(FOMAPAK) -

0,025

: 6x10, 6x12, 6x16, 6x20, 6x24, 6x30, 6x40, 6x48, 10x10, 10x12, 10x16, 10x20, 10x24, 10x30, 10x40, 10x48, 18x24, 30x40

FOMAPAK

(K)

: 6x24, 6x40, 6x48, 10x12, 10x20, 10x24, 10x40, 10x48, 10x72, 18x24, 30x40

MultiPack -  
FOMADUX

FOMAPAK, 2

INDUX R3 a

0,175

FOMAPAK  
0,025

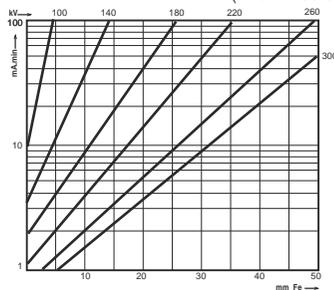
70-90 / 2.

INDUX R2

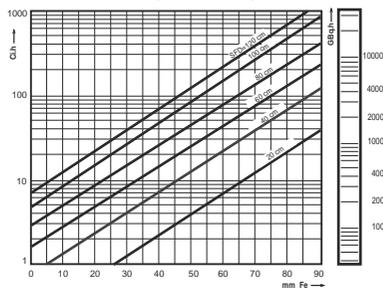
590

D = 2, Pb  
FOMADUX LP-T 6

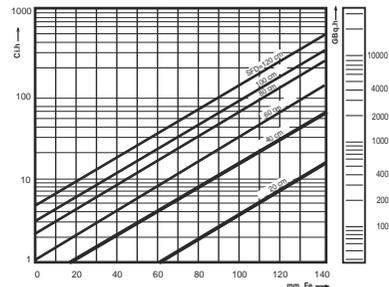
(FFD = 100 c )



( 192 )



( 60 )



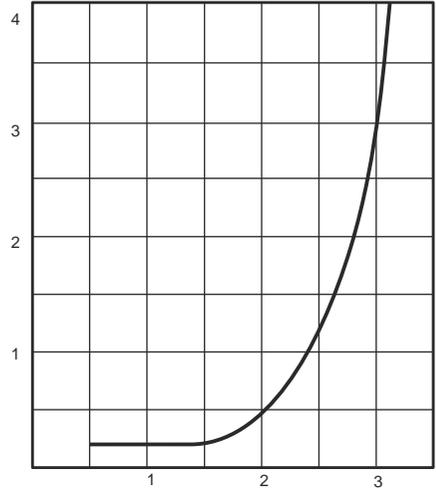
INDUX R3

220 kV/10 A/8 Cu, FOMADUX LP-  
D, 8 /28°, 120

FOMADUX LP-T -  
( 5 /20°, 1+3)  
FOMAFIX -  
FOTONAL -

FOMADUX LP-D -  
( 2 /28° )  
FOMALP-DS -  
( - FOMADUX FIX +  
FOMAFIXH)

INDUX R3



5 /20°).

2 (

40 - 60 %

9001.

( 40 - 60%), 10 - 25°C

# INDUX R4

INDUX R4 -

INDUX R2

590

INDUX R4

INDUX R4 3  
I ASTME 1815.  
INDUX R4 a  
BAM.

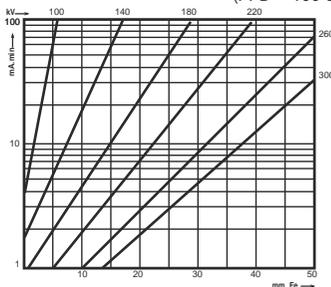
11699-1

2 0,025  
6 /20°

D = 2, Pb  
FOMADUX LP-T

INDUX R4

(FFD = 100 c )



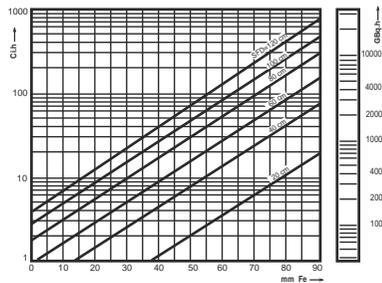
(FOMAPAK) -

0,025

: 6x10, 6x12, 6x16, 6x20, 6x24, 6x30, 6x40, 6x48, 10x10, 10x12, 10x16, 10x20, 10x24, 10x30, 10x40, 10x48, 18x24, 30x40

FOMAPAK

( 192 )

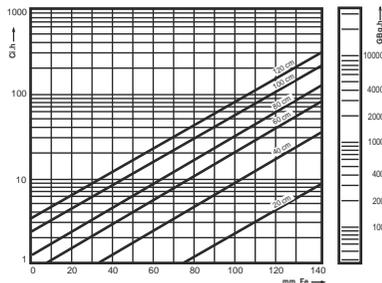


( K )  
: 6x24, 6x40, 6x48, 10x12, 10x20, 10x24, 10x40, 10x48, 10x72, 18x24, 30x40

FOMADUX ROLLFILM

60 90 , 70 90 100 90

( 60 )



MultiPack - FOMAPAK, 2  
INDUX

INDUX R4 a  
0,175

FOMAPAK  
0,025

70-90

INDUX R4

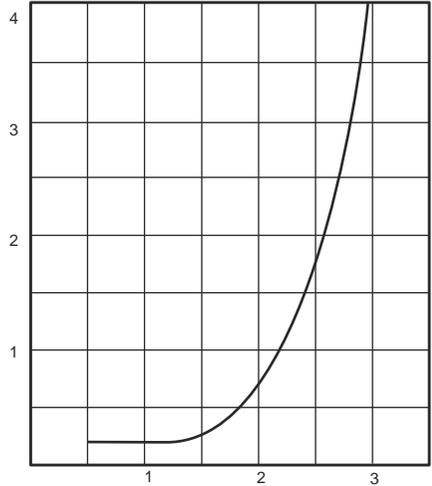
220 kV/10 A/8 Cu,  
D, 8 /28° , 120

FOMADUX LP-

FOMADUX LP-T -  
( 5 /20° , 1+3)  
FOMAFIX -  
FOTONAL -

FOMADUX LP-D -  
( 2 /28° )  
FOMALP-DS -  
( - FOMADUX FIX +  
FOMAFIXH)

INDUX R4



5 /20° ).

2 (

40 - 60 %

9001.

( 40 - 60%), 10 - 25°C

# INDUX R5

INDUX R5 - e ,

INDUX R5 e

INDUX R5 4 11699-1

INDUX R5 I ASTME 1815.  
BAM. ????????????? ???? ? ????? ?????????? ????????

e INDUX R5 e

(FOMAPAK) -

0,025

: 6x10, 6x12, 6x16, 6x20, 6x24, 6x30, 6x40, 6x48, 10x10, 10x12, 10x16, 10x20, 10x24, 10x30, 10x40, 10x48, 18x24, 30x40

FOMAPAK

(K)

: 6x24, 6x40, 6x48, 10x12, 10x20, 10x24, 10x40, 10x48, 10x72, 18x24, 30x40

FOMADUX ROLLFILM

60 90 ,70 90 100 90

MultiPack - FOMAPAK, 2  
INDUX

INDUX R5 a 0,175

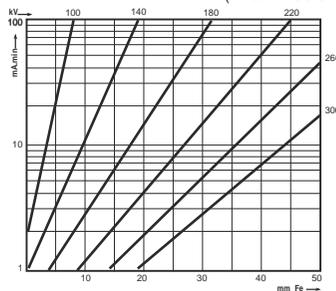
FOMAPAK  
0,025

INDUX R2

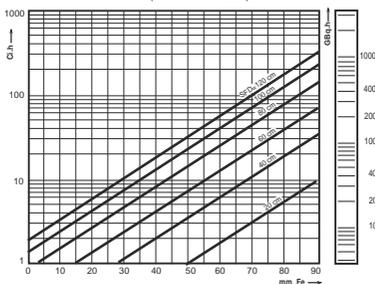
590

D = 2, Pb  
FOMADUX LP-T

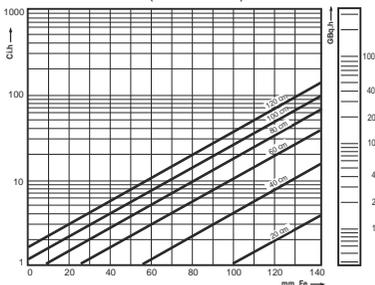
(FFD = 100 c )



( 192 )



( 60 )

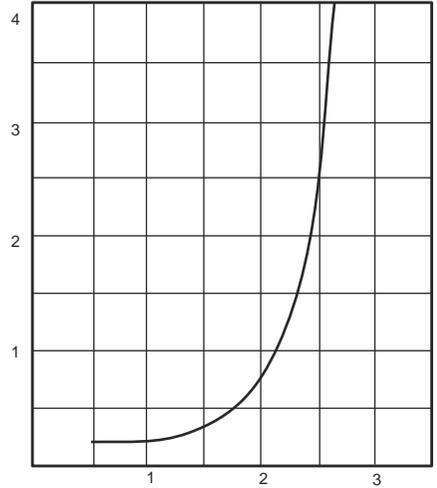


INDUX R5

220 kV/10 A/8 Cu,  
D, 8 /28° , 120

FOMADUX LP-

FOMADUX LP-T -  
( 5 /20° , 1+3)  
FOMAFIX -  
FOTONAL -



FOMADUX LP-D -  
2 /28° )  
FOMALP-DS -  
( - FOMADUX FIX +  
FOMAFIXH)  
INDUX R5

5 /20° ). 2 (

-  
-  
40 - 60 %  
a .

9001.

( 40 - 60%), 10 - 25°C

# INDUX R7

INDUX R7 -

e , INDUX R2

590

INDUX R7

e

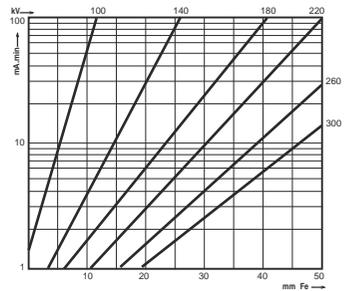
e

INDUX R7 II 5 11699-1  
ASTME 1815.

D = 2, Pb  
FOMADUX LP-T

INDUX R7 BAM.

(FFD = 100 c )



e INDUX R7

e

e

e

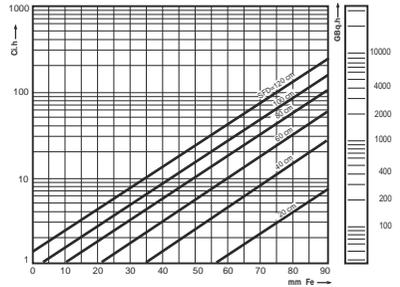
(FOMAPAK) -

0,025

: 6x10, 6x12, 6x16, 6x20, 6x24, 6x30, 6x40, 6x48, 10x10, 10x12, 10x16, 10x20, 10x24, 10x30, 10x40, 10x48, 18x24, 30x40

FOMAPAK

( 192 )



(K )

: 6x24, 6x40, 6x48, 10x12, 10x20, 10x24, 10x40, 10x48, 10x72, 18x24, 30x40

FOMADUX ROLLFILM

60 90 , 70 90 100 90

MultiPack -  
INDUX

FOMAPAK,

2

INDUX R7

a

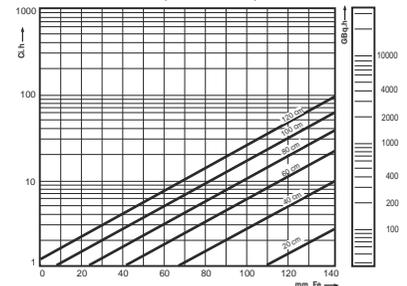
0,175

FOMAPAK

0,025

70-90

( 60 )



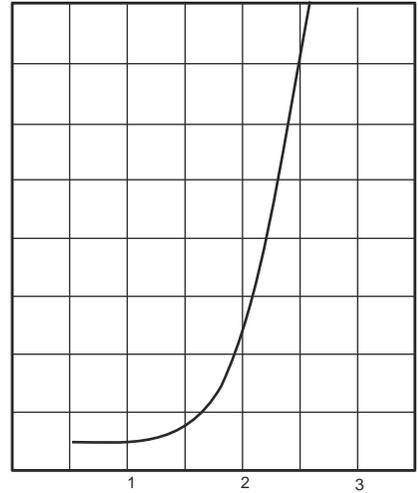
INDUX R7

220 kV/10 A/8 Cu,  
D, 8 /28° , 120

FOMADUX LP-

FOMADUX LP-T -  
( 5 /20° , 1+3)  
FOMAFIX -  
FOTONAL -

FOMADUX LP-D -  
2 /28° )  
FOMALP-DS -  
( - FOMADUX FIX +  
FOMAFIXH)  
INDUX R7



5 /20° ).

2 (

40 - 60 %

9001.

( 40 - 60%), 10 - 25°C

# INDUX R8

INDUX R8 -

e INDUX R2

590

INDUX R8

e

e

a

INDUX R8  
III

6  
ASTME 1815.

11699-1

0,025  
/20°

D = 2, Pb 2  
FOMADUX LP-T 6

e a INDUX R8

(FFD = 100 c )

e

(FOMAPAK) -

0,025

: 6x10, 6x12, 6x16, 6x20, 6x24, 6x30, 6x40, 6x48, 10x10, 10x12, 10x16, 10x20, 10x24, 10x30, 10x40, 10x48, 18x24, 30x40

FOMAPAK

(K )

: 6x24, 6x40, 6x48, 10x12, 10x20, 10x24, 10x40, 10x48, 10x72, 18x24, 30x40

FOMADUX ROLLFILM

60 90 , 70 90 100 90

INDUX R8

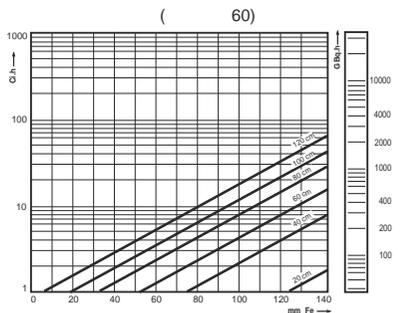
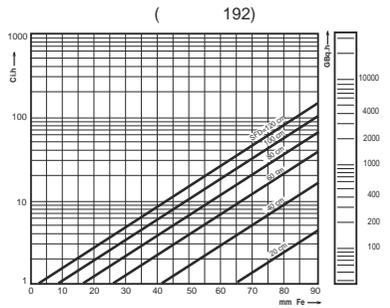
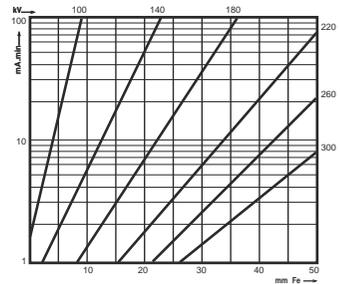
a

0,175

FOMAPAK  
0,025

70-90

/ 2.



INDUX R8

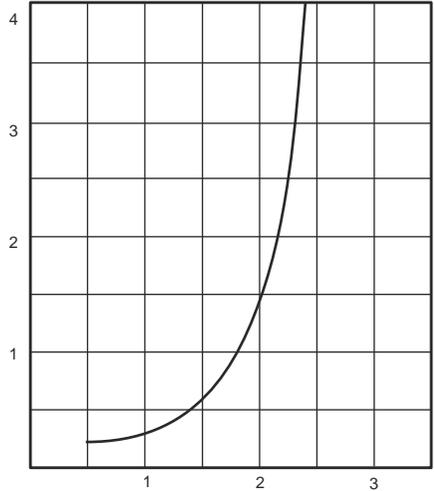
220 kV/10 A/8 Cu,  
D, 8 /28° , 120

FOMADUX LP-

FOMADUX LP-T -  
( 5 /20° , 1+3)  
FOMAFIX -  
FOTONAL -

FOMADUX LP-D -  
( 2 /28° )  
FOMALP-DS -  
( FOMAFIXH) FOMADUX FIX +

INDUX R8



5 /20° ).

2 (

40 - 60 %

9001.

( 40 - 60%), 10 - 25°C

# FOMADUX RX-8

X  
FOMADUX RX-8 -

FOMADUX RX-8 -

FOMADUX RX-8 ????????

- Rennex UPW - 1, UPW - 2, Agfa Structurix RCF, Kyokko SMP 308  
Kodak Lanex Fast Screens.

(CaWO<sub>4</sub>).

( / / ),

(KB)  
: 30x40  
- 60 ,70 100  
- (BLR) FOMADUX ROLLFILM 90

FOMADUX RX-8

0,175

50

FOMADUX RX-8

590

FOMADUX RX-8

FOMADUX LP-T-

( 5 /20 °C, 1+3)

FOMAFIX -  
FOTONAL -

FOMADUX LP-D-

( 120 /28 oC)

FOMALP-DS-

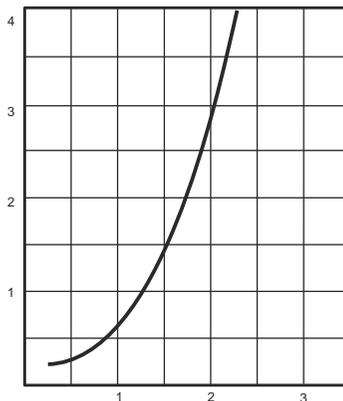
( - FOMADUX FIX +  
FOMAFIX H)

FOMADUX RX-8

Agfa ( Agfa  
G135),

100 /28 oC, Agfa  
( Agfa G128), 5 /20 oC.

(220 kV / 10 mA / 8 Cu),  
FOMADUX LP-D, 8 /28 °C,  
120





# FOMATEST SC 981

FOMATEST SC 981 -

S, ( )

FOMADUX

11699-2.

11699-2.

---

FOMATEST SC 981

25  
FOMADUX R4, FOMADUX R5 FOMADUX R7 6x24  
FOMAPAK,

FOMATEST SC 981  
FOMADUX R4, FOMADUX R5 R7,

), 10 (

FOMATEST SC 981

FOMADUX, . .



. D=2 ( )

590 ) AGFA G7 ( ) 25  
. 75 ( ) 590-660

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11699-2

3FI 11699-1

1- 6

11699-1.

FOMADUX.

10-25°

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6

FOMATEST SC 981.

# FOMATEST THIO

FOMATEST THIO –  
FOMADUX

FOMATEST THIO

30

FOMATEST THIO

( ) 1 2,

FOMATEST THIO

1 – 2

:2 ±15

1

30

|        | $(S_2O_3)^2$<br>( / 2) | (LE) <sup>1/</sup> |
|--------|------------------------|--------------------|
| 1. ( ) | 0.35                   | 2/                 |
| 2. ( ) | 0.20                   | 10 LE = 10         |
| 3. ( ) | 0.10                   | 100 LE = 100       |
| 4. ( ) | 0.04                   | LE = 500           |

1/ LE

ISO 10602,

LE 500

2/

Ag)

FOMATEST THIO

2

10-15

FOMATEST THIO

FOMATEST THIO

# FOMASTEP E-09

FOMASTEP E-09 -

9

D=0-4,0.



( )

FOMASTEPE-09

FOMASTEP E-09

40-60%.

10-25°C



# FOMADUX LP-T, FOMAFIX KIT

FOMA (FOMADUX R2, FOMADUX R3, FOMADUX R4, FOMADUX R5, FOMADUX R7, FOMADUX R8, FOMADUX RX-8),

|      |        |
|------|--------|
|      |        |
| 20°C | 5 min. |

FOMADUX LP-  
1:2(1:3).

FOMADUX LP-  
FOMADUX FIX  
FOTONAL

800 / 2.

FOMADUX LP- -

FIX

FOMADUX  
20-25

|             |        |
|-------------|--------|
| temperature |        |
| 20°C        | 3 min. |

-2

FOMADUX FIX -

1200 / . . . (

1000  
).

FOTONAL

FOTONAL -

5

1

FOMA.

40-60% +5° + 25°

FOMADUX LP-

-1 a5

40°

FOMADUX FIX

-1 5

FOTONAL

24

-1 1

4-8

FOMADUX LP-

5

1:3 ( 1:4).  
20 25

# FOMA DP-I, FOMAFIX P-I

1 FOMA DP-I 1 2

FOMA DP-I FOMA. DPR-I 800 / 2. 20°C 5 FOMA DP-I FOMA

30°C. 20 - 1 1 2 FOMAFIX P-I

FOMA DPR-I FOMA.

FOMAFIX P-I

+5 +25°C  
65%,

FOMA DP-I - A + B 20

FOMA DPR-I - A + B 20

FOMAFIX P-I - A+B+C 20

FOMA DP-I - 15 40°C  
2 A.  
2 B

FOMA DPR-I - 15 40°C  
4 A.  
4 B

FOMAFIX P-I - 15 40°C  
20  
4 A,2

B 2 C. B C

20

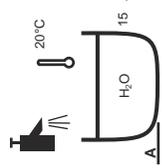
|      |       |
|------|-------|
|      | ( . ) |
| 28°C | 5     |
| 28°C | 3.5   |
| 28°C | 2     |

??????????  
??????????

①

FOMADUX LP-T

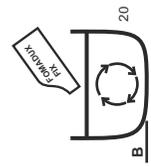
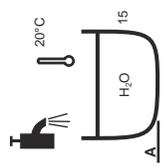
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②

FOMADUX FIX

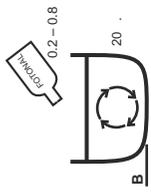
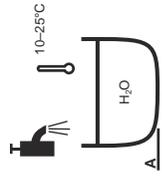
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④

FOTONAL

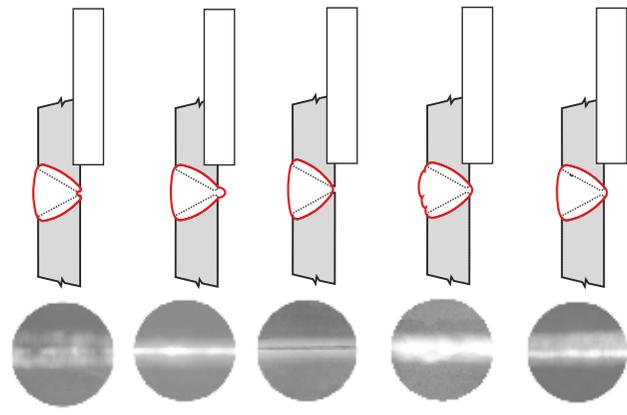
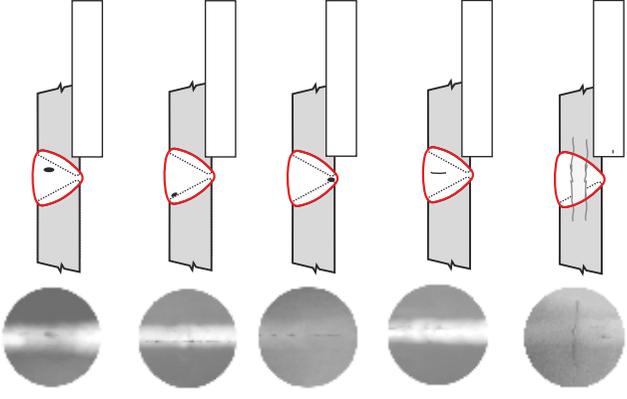
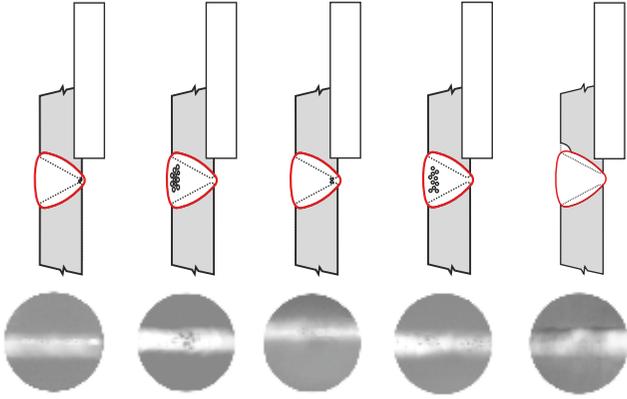
??????????





FOMADUX

E



FOMA NDT SYSTEM –

e FOMADUX, FOMATEST THIO, FOMATEST SC 981  
FOMADUX

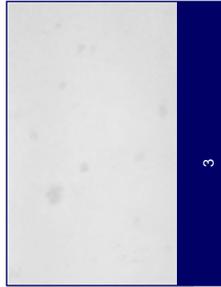




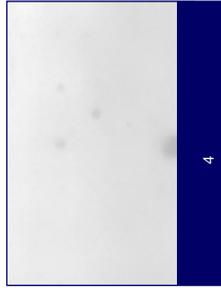
# – NDT (ASTME 446, II)

51 , : (1 ) 192

E FOMADUX.



3



4



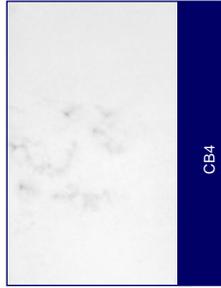
CA3



CA4



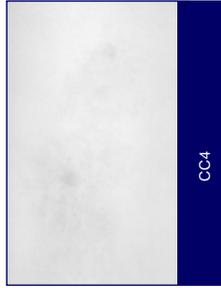
CB3



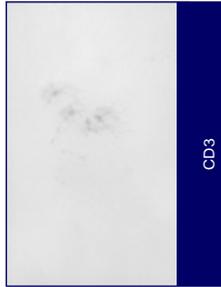
CB4



CC3



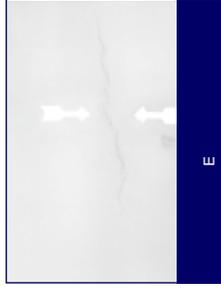
CC4



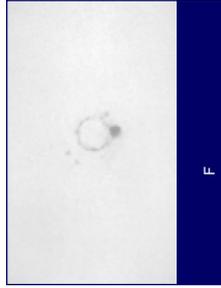
CD3



CD4



E



F

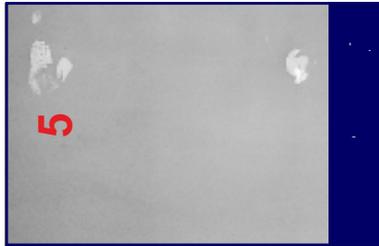
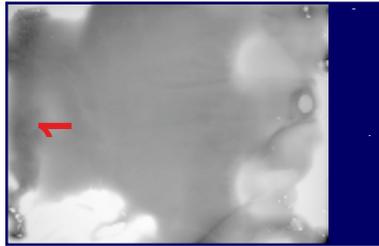
FOMA NDT SYSTEM –

• • • e

FOMADUX, FOMATEST THIO, FOMATEST SC 981  
FOMADUX



FOMADUX

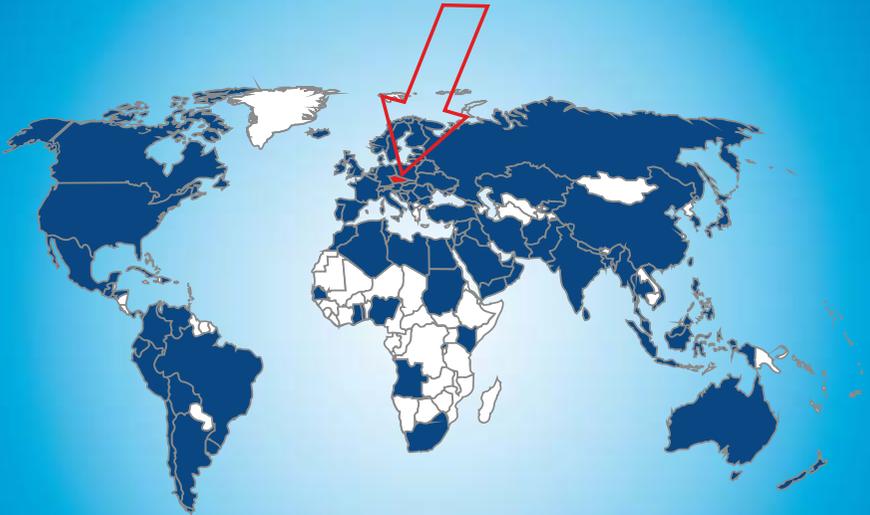


1, 2, 3, 4, 5, 6 8

5, 7, 8

FOMA NDT SYSTEM -

- FOMATEST SC 981
  - FOMADUX
- FOMADUX, FOMATEST THIO,



**EXPORT FOMA**



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