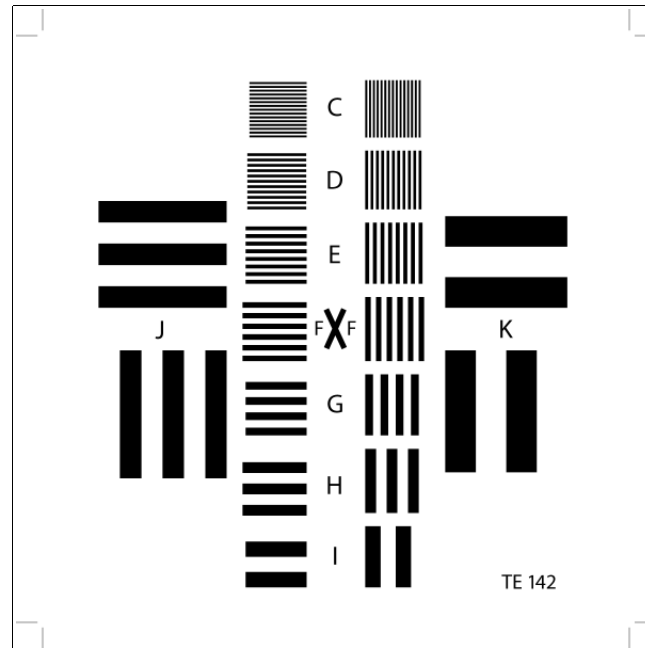




CINE STANDARD

REFLECTANCE



The test patterns TE142 is supplied on sheets of paper or cardboard and backed with self-adhesive foils if requested. The individual elements are used for assembling test boards or test walls according to specific ideas and requirements. The self-adhesive tape facilitates an easy mounting of the test pattern by hand.

For evaluating the resolution power of the film it is necessary to define the enlargement factor at first. For the size of the test pattern TE142 the recommended factor is 100x or 150x. Based on the film format (e.g. S16: 12.3 x 740 mm). The test pattern then have to be fixed within these limits, possible in combination with other test patterns (e.g. sector stars).

The test pattern shows 9 vertical and 9 horizontal groups of line pairs, marked C to K. The gradation of these line pairs follows the factor $\sqrt{2}$, i.e. the number of lines/mm doubles every two steps. The following values apply to the line pairs when using the reduction factors indicated:



Resolving power in line pairs/mm with factor					
field	original	50x	100x	150x	200x
C	1.4	70	140	210	280
D	1.0	50	100	150	200
E	0.7	35	70	105	140
F	0.5	25	50	75	100
G	0.35	17.5	35	52.5	70
H	0.25	12.5	25	37.5	50
I	0.175	8.75	17.5	26.25	35
J	0.125	6.25	12.5	18.75	25
K	0.0875	4.375	8.75	13.125	17.5

TE142/2 Resolving power in line pairs/mm with factor					
field	original	50x	100x	150x	200x
C	1.4	70	140	210	280
D	1.0	50	100	150	200
E	0.7	35	70	105	140
F	0.5	25	50	75	100
G	0.35	17.5	35	52.5	70
H	0.25	12.5	25	37.5	50
I	0.175	8.75	17.5	26.25	35
J	0.125	6.25	12.5	18.75	25
K	0.0875	4.375	8.75	13.125	17.5

TE142/3 Resolving power in line pairs/mm with factor					
field	original	50x	100x	150x	200x
C	2.0	100	200	300	400
D	1.4	70	140	210	280
E	1.0	50	100	150	200
F	0.7	35	70	105	140
G	0.5	25	50	75	100
H	0.35	17.5	35	52.5	70
I	0.25	12.5	25	37.5	50
J	0.175	8.75	17.5	26.25	35
K	0.125	6.25	12.5	18.75	25