

# UNIKRAFT



UNIKRAFT presents product line of MG and MF unbleached paper with high strength properties. UNIKRAFT is certified by ISEGA for food contact. UNIKRAFT products can be supplied unsized (/U) and with improved wet strength (/W).

## UNIKRAFT PLUS

UNIKRAFT PLUS is produced from pure unbleached pulp and therefore intended for the most demanding applications.

### Standard production:

UNIKRAFT PLUS MG 17 - 40 gsm  
UNIKRAFT PLUS MF 40 - 100 gsm

### Common use MG:

surface treatment (PE and Al coating, waxing)  
bags production  
consumer goods packaging (fruits, vegetables, flowers)  
technical application (masking, creping, packaging)  
interleaving

### Common use MF:

surface treatment (PE and Al coating, waxing)  
carrier bags and bags production  
consumer goods packaging (fruits, vegetables, flowers)



## UNIKRAFT CLASSIC, ALPHA

## UNIKRAFT BETA, GAMMA



The mark of responsible forestry

This group of paper is produced from combination of pure unbleached pulp and recycled fibers. Each variety differs in the ratio of recycled fiber where the CLASSIC has the lowest and GAMMA has the highest recycled fibers content.

### Standard production:

UNIKRAFT CLASSIC MG 17 - 40 gsm  
UNIKRAFT ALPHA MG 20 - 50 gsm  
UNIKRAFT BETA MG 25 - 50 gsm  
UNIKRAFT GAMMA MG 25 - 50 gsm  
UNIKRAFT CLASSIC - GAMMA MF 40 - 100 gsm

### Common use MG:

bags production  
consumer goods packaging (food, flowers, shoes)  
technical application (masking, creping, packaging)

### Common use MF:

carrier bags and bags production  
consumer goods packaging (food, flowers, shoes)  
technical application (wrapping, void fill paper)



Properties	Test Method	Unit	PLUS	CLASSIC	ALPHA	BETA	GAMMA
Grammage	ISO 536	gsm	40 - 100 ± 4 %				
Breaking Length MD / CD min. 40 - 85 gsm 86 - 100 gsm	ISO 1924-2	km	7,3 / 3,0 6,3 / 2,5	6,0 / 2,2 5,0 / 2,0	5,3 / 2,2 4,8 / 2,0	4,0 / 1,8 3,0 / 1,6	4,0 / 1,8 3,0 / 1,6
Tensile Strength MD / CD min. 40 - 85 gsm 86 - 100 gsm	ISO 1924-2	kN/m	2,86 / 1,18 5,32 / 2,11	2,35 / 0,86 4,17 / 1,69	2,08 / 0,86 4,05 / 1,69	1,57 / 0,71 2,53 / 1,35	1,57 / 0,71 2,53 / 1,35
Bursting Strength, Mullen min. 40 gsm 41 - 50 gsm 51 - 60 gsm 61 - 70 gsm 71 - 80 gsm 81 - 90 gsm 91 - 100 gsm	ISO 2758	kPa	140 170 210 240 270 300 340	100 130 160 190 210 230 250	90 110 120 140 150 160 160	75 90 100 120 140 150 150	75 90 100 120 140 150 150
Water Absorptiveness - Cobb <sub>60</sub> max.	ISO 535	gsm	40	40	45		
Moisture	ISO 287	%	4 - 7				

Properties	Test Method	Unit	PLUS	CLASSIC	ALPHA	BETA	GAMMA
Grammage 17 - 40 gsm 41 - 50 gsm	ISO 536	gsm	17 - 40		20 - 50 ± 6 % ± 4 %	25 - 50	
Breaking Length MD / CD min. 17 - 20 gsm 21 - 30 gsm 31 - 50 gsm	ISO 1924-2	km	5,0 / 2,0 5,5 / 2,3 5,5 / 2,5	4,8 / 1,8 5,0 / 1,8 5,0 / 2,4	3,8 / 1,5	3,0 / 1,4	3,0 / 1,4
Tensile Strength MD / CD min. 17 - 20 gsm 21 - 30 gsm 31 - 50 gsm	ISO 1924-2	kN/m	0,83 / 0,33 1,13 / 0,47 1,67 / 0,76	0,80 / 0,30 1,03 / 0,37 1,52 / 0,73	0,75 / 0,29	0,59 / 0,27	0,59 / 0,27
Bursting Strength, Mullen min. 17 - 20 gsm 21 - 25 gsm 26 - 30 gsm 31 - 35 gsm 36 - 40 gsm 41 - 50 gsm	ISO 2758	kPa	45 60 70 90 100 -	40 55 65 80 90 -	30 35 55 65 75 80	- 30 30 40 40 60	- 30 30 40 40 60
Water Absorptiveness - Cobb <sub>60</sub> max. 17 - 40 gsm 41 - 50 gsm	ISO 535	gsm	30 -	40 45			
Moisture	ISO 287	%	4 - 7				