



## USES OF KODIAK AND POLAR – STRONG NORTHERN KRAFT PAPER

Kodiak (unbleached) and Polar (bleached) are premium northern kraft sheets that are perfectly matched for efficient bag construction. For example: there's no need to increase basis weights when using bleached kraft anymore – Polar has the same high performance high strength as Kodiak, so outer plies with even LESS basis weight of bleached paper are possible.

Any 80g (50lb) bleached multiwall outer plies can be switched to 70g (43lb) Polar Kraft for immediate savings.

**Below are some typical examples of lightweighted bags which are in use now:**

### Contents: 25kg (55lbs)

Contents	Style	Old Construction		New Construction	
		Metric	US Units	Metric	US Units
Sugar	PV	2/65g MW	2/40lb MW	2/90g Kodiak X	2/55lb Kodiak X
		1/80g MW	1/50lb MW		
Flour	PV	2/80g MW	2/50lb MW	2/90g Kodiak X	2/55lb Kodiak X
		1/65g MW	1/40lb MW		
Flour	SOM	2/65g MW	2/40lb MW	1/90g Kodiak	1/55lb Kodiak
		1/80g MW	1/50lb MW	1/80g Kodiak	1/50lb Kodiak
Concrete	PV	2/80g MW	2/50lb MW	2/90g Kodiak X	2/55lb Kodiak X
		1/100g MW	1/60lb MW		
Seed Corn	SOM	3/80g HPP	3/50lb HPP	2/90g Kodiak	2/55lb Kodiak
		1/80g BI ribbed	1/50lb BI ribbed	1/70g Polar	1/43lb Polar

### Contents: 50kg (110lbs)

Contents	Style	Old Construction		New Construction	
		Metric	US Units	Metric	US Units
Cement	PV	2/100g MW	2/60lb MW	2/90g Kodiak X	2/55lb Kodiak X
		1/80g MW	1/50lb MW		
Stucco	PV	3/80g MW	3/50lb MW	2/90g Kodiak X	2/55lb Kodiak X
Flour	SOM	3/80g MW	3/50lb MW	1/90g Kodiak	1/55lb
				1/100g Kodiak	1/60lb Kodiak
Building Materials	PV	2/100g MW	2/60lb MW	1/115g Kodiak X	1/70lb Kodiak X
		1/90g MW	1/55lb BI MW	1/90g Polar X	1/55lb Polar X



HPP = Conventional high performance paper  
MW = Multiwall

PV = pasted valve  
SOM = sewn open mouth