

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার  
শুধু রেয়াত ও প্রত্যাৰ্পণ পরিদপ্তর  
টেক্সটাইল সমিতি ভবন(৬ষ্ঠ ও ৭ম তলা),  
৩২, তোপখানা রোড, ঢাকা-১০০০।

নথি নং-০৯/তেজো/সহগ/২০১৪/২০৬/ ১২৭২২

তারিখ: ২৬/১১/১৪

প্রেরক: মহা-পরিচালক

প্রাপক: ব্যবস্থাপনা পরিচালক  
মেসার্স ডিজাইন প্রিন্টিং এন্ড এক্সেসরিজ লিঃ  
প্লট নং-এস-৫৬, বিসিক শিল্প নগরী,  
কোন্দাবাড়ী, জয়দেবপুর, গাজীপুর।

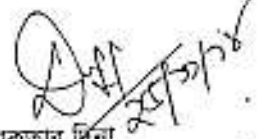
বিষয়: আবেদনের পরিপ্রেক্ষিতে সহগ জারীকরণ।

সূত্র: আপনার ২২/১০/২০১৪ তারিখের আবেদন।

আপনার আবেদনের পরিপ্রেক্ষিতে প্রতিষ্ঠানটি জরীপ করে জরীপে প্রাপ্ত তথ্যের ভিত্তিতে সহগ প্রণয়ন করা হয়েছে।

প্রদত্ত সহগের কপি প্রয়োজনীয় কার্যক্রমের জন্য এ পত্রের সাথে সংযুক্ত করে প্রেরণ করা হলো।

সংখ্যা: ২(দুই) পাতা।

  
মুনমুন আকতার দিনা  
সহকারী পরিচালক  
মহা-পরিচালকের পক্ষে  
তারিখ: ২৬/১১/১৪

নথি নং-০৯/তেজো/সহগ/২০১৪/২০৬/

অনুলিপি সদয় অবগতি ও প্রয়োজনীয় কার্যক্রমের জন্যঃ

১। কমিশনার, কাস্টমস বন্ড কমিশনারেট, ৩৪২/১, সেকেন্ডবাগিচা, ঢাকা।

সংরক্ষণের জন্য-

ক) গার্ড ফাইল, তেজো, ঢাকা।

খ) অফিস কপি, তেজো, ঢাকা।

মুনমুন আকতার দিনা  
সহকারী পরিচালক  
মহা-পরিচালকের পক্ষে।



Design Printing & Accessories Ltd.  
Managing Director

**Government of the People's Republic of Bangladesh**  
**Duty Exemption and Drawback Office**  
**Chittagong Samity Bhaban**  
**22, Topkhana Road, Dhaka**

**Input-Output Coefficient for Design Printing & Accessories Limited**

Name of Product & Unit.	Raw Materials	General Formula for Raw Material consumption
1) Plain Poly Bag. Unit: 1000 pcs	1) PP/LLDPE/LDPE/ BOPP Film	PP Consumption = $2 \times 1000 \times L \times W \times T \times D \text{ gm} + 5\% \text{ Wastage}$ Sample Calculation: (Say, L=Length of Bag=100cm, W=Width of bag=50cm, T=Thickness of Bag=0.005cm, D=Density of PP=0.90gm/c.c) Therefore, Total PP Consumption = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.05 \text{ gm} = 47250 \text{ gm} = 47.25 \text{ kg}$
2) Printed Poly Bag (One to four colour) Unit: 1000 pcs	1) PP/LLDPE/LDPE/ BOPP Film  2) Flexoprint Ink 3) Thinner/Reducer	PP Consumption = $2 \times 1000 \times L \times W \times T \times D \text{ gm} + 7\% \text{ Wastage}$ Sample Calculation: (Say, L=Length of Bag=100cm, W=Width of bag=50cm, T=Thickness of Bag=0.005cm, D=Density of PP=0.90gm/c.c) Therefore, Total PP Consumption = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.07 \text{ gm} = 48150 \text{ gm} = 48.15 \text{ kg}$ 22gm (With Wastage) 66gm (With Wastage)
3) Flap Type Poly bag with gussets in bottom & adhesive tape. Unit: 1000 pcs	1) PP/LLDPE/LDPE/ BOPP Film  2) Adhesive Tape (Width=15mm)	PP Consumption = $2 \times 1000 \times (L+5 \text{ cm}) \times (W) \times T \times D \text{ gm} + 8\% \text{ Wastage}$ Sample Calculation: (Say, L=Length of Bag=100cm, W=Width of bag=50cm, T=Thickness of Bag=0.005cm, D=Density of PP=0.90gm/c.c) Therefore, Total PP Consumption = $(2 \times 1000 \times 105 \times 50 \times 0.005 \times 0.90) \times 1.08 \text{ gm} = 51030 \text{ gm} = 51.03 \text{ kg}$ Note: 5cm allowance for bottom gussets & flap folding. Total Adhesive Tape Consumption = $1000 \times w + 5\% \text{ wastage cm}$ Sample Calculation: Say, W=Width of Bag=50cm Therefore, Total Adhesive Consumption = $1000 \times 50 \times 1.05 \text{ cm} = 525.0 \text{ m}$
4) Printed Pillow type poly bag with bottom gusset. (1 to 4 colour) Unit: 1000 pcs	1) PP/LLDPE/LDPE/ BOPP Film  2) Flexoprint Ink 3) Thinner/Reducer	PP Consumption = $2 \times 1000 \times (L+5 \text{ cm}) \times (W) \times T \times D \text{ gm} + 8\% \text{ Wastage}$ Sample Calculation: (Say, L=Length of Bag=100cm, W=Width of bag=50cm, T=Thickness of Bag=0.005cm, D=Density of PP=0.90gm/c.c) Therefore, Total PP Consumption = $(2 \times 1000 \times 105 \times 50 \times 0.005 \times 0.90) \times 1.08 \text{ gm} = 51030 \text{ gm} = 51.03 \text{ kg}$ 22gm (With Wastage) 66gm (With Wastage) Note: 5cm allowance for bottom gussets & pillow folding.
5) Printed Poly Bag With gussets in bottom & attached hanger. (1 to 4 colour) Unit: 1000 pcs	1) PP/LLDPE/LDPE/ BOPP Film  2) Polypropylene (For Hanger) 3) Flexoprint Ink 4) Thinner/Reducer	PP Consumption = $2 \times 1000 \times (L+5 \text{ cm}) \times (W) \times T \times D \text{ gm} + 8\% \text{ Wastage}$ Sample Calculation: (Say, L=Length of Bag=100cm, W=Width of bag=50cm, T=Thickness of Bag=0.005cm, D=Density of PP=0.90gm/c.c) Therefore, Total PP Consumption = $(2 \times 1000 \times 105 \times 50 \times 0.005 \times 0.90) \times 1.08 \text{ gm} = 49815 \text{ gm} = 49.815 \text{ kg}$ Note: 2.5cm allowance for gusset folding only 6.25 kg (with wastage) 22gm (with wastage) 66 gm (with wastage)
6) Printed Poly Bag (six colour) Unit: 1000 pcs	1) PP/LLDPE/LDPE/ BOPP Film  2) Flexoprint Ink 3) Thinner/Reducer	PP Consumption = $2 \times 1000 \times L \times W \times T \times D \text{ gm} + 8\% \text{ Wastage}$ Sample Calculation: (Say, L=Length of Bag=100cm, W=Width of bag=50cm, T=Thickness of Bag=0.005cm, D=Density of PP=0.90gm/c.c) Therefore, Total PP Consumption = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.08 \text{ gm} = 48160 \text{ gm} = 48.16 \text{ kg}$ 33gm (With Wastage) 99gm (With Wastage)
7) Printed Hanger type poly Bag. (1 to 4 colour) Unit: 1000 pcs	1) PP/LLDPE/LDPE/ BOPP Film  2) Flexoprint Ink 3) Thinner/Reducer	PP Consumption = $2 \times 1000 \times L \times W \times T \times D \text{ gm} + 7\% \text{ Wastage}$ Sample Calculation: (Say, L=Length of Bag=100cm, W=Width of bag=50cm, T=Thickness of Bag=0.005cm, D=Density of PP=0.90gm/c.c) Therefore, Total PP Consumption = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.07 \text{ gm} = 48150 \text{ gm} = 48.15 \text{ kg}$ 22gm (With Wastage) 66gm (With Wastage)

Note: Thickness of the poly bag should be at single sheet film. In the above general formula L, W, T & W are variables. For any value of L, T & W the total consumption of raw material for 1000 pieces of poly bags can be estimated by using general formula for definite type of bag by following the method shown in the sample calculation. For PP, D= Density =0.90gm/cc, for LDPE, D=Density=0.91gm/cc & for LLDPE, D=Density=0.92gm/cc.  
 The density of BOPP/BOPP/BOPP Film D=density=0.90gm/cc.  
 If the bag is directly made of BOPP/BOPP/BOPP film (imported or made in different factory) then the wastage in poly bag processing will be reduced by 2.5% in all categories. That is, for product No. 1,2,3,4,5,6&7 the wastage = 2.5%, 3%, 3.5%, 3.5%, 3.5%, 3.5% & 4.5% respectively. Snap Bottom will be used only for Bag with bottom.

Government of the People's Republic of Bangladesh  
Duty Exemption and Drawback Office  
Chittagong Family Bhaban  
32, Tophkhana Road, Dhaka

Input-Output Coefficient for Design Printing & Accessories Limited

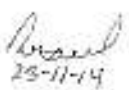

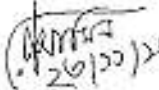
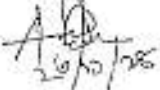
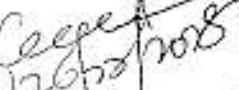
Name of Product, Size & Unit	Raw Materials	Unit of Measurement	Consumption		
			Net	Wastage	Gross
Non Elastic Tape/ C/V-11 Top. Size : 1 Inch (Width) Unit : 144 Yd.	1. 100% Spun Polyester Yarn /Cotton Yarn / Nylon Yarn/Rayon Yarn	Kg	1.61	5%	1.69
Elastic Size : 1 Inch (Width) Unit : 144 Yd.	1. Rubber Thread	Kg	0.6408	5%	0.6728
	2. 100% Spun Polyester Yarn /Cotton Yarn / Nylon Yarn/Rayon Yarn	Kg	1.4688	5%	1.5422


Note : According to size of Elastic, Non Elastic Tape consumption of raw materials will be varied

Note:

Input-Output co-efficient must be revised under the following circumstances:

1. If production is changed.
2. If abnormal situation arises, such as severe load shedding, insufficient supply of natural gas etc.
3. If technology is changed.
4. If product quality is changed according to the buyers demand.
5. If stakeholder arises any logical dispute about any Co-efficient through association.
6. If BMRE is done in the factory.
7. Under any logical circumstances the authority reserves the right to amend or cancel the issued Co-efficient at any time.
8. This Co-efficient is applicable for 5 years from the date of issue.
9. After issuing this Co-efficient previous all Co-efficient will be invalid.

 25-11-14	 26/11/18	 26/11/18	 26/11/18	 12/6/2018
(Md. Rozul Kabir) Sector Specialist DEDO	(Md. Akilul Rahman) Sector Specialist DEDO	(Md. Rahul Amin) Cost Accountant DEDO	(Md. Aminal Islam) Asst. Director DEDO	(Khondker Nazimul Hossain) Joint Director DEDO

  
Design Printing & Accessories Ltd.  
Managing Director