



# Medgoal Packaging Foil

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PERFECTION

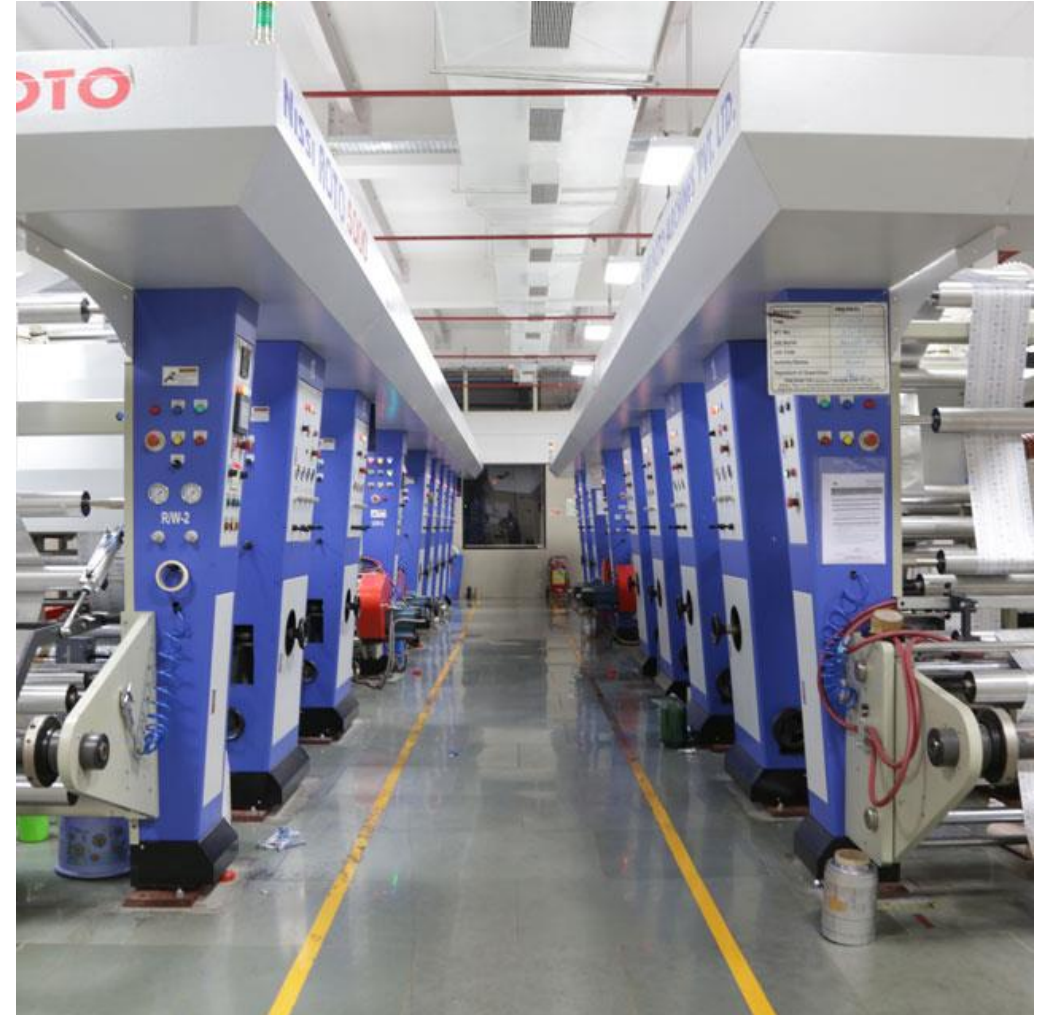
# Introduction

**Medgoal Packaging Foils** is an International Standard packaging manufacturer of premium quality Aluminium Foil for pharmaceutical industries since last 10 years.

Our prime production facility is spread over **11,000 sq.ft.** build up area located in **Vasai, Maharashtra, INDIA.**

We are a sister concern of industry's leading Manidhari Foils Pvt. Ltd.

With a focused vision & mission, we are committed to quality, on-time delivery & customer satisfaction.



# Vision

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We have a focused vision on quality, affordability and variety as a pharmaceutical packaging manufacturer, aiming to meet our customer's requirements.

We provide equal opportunities to our staff members, ensuring their growth and contribution in building value based company.



# Mission

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We design, manufacture and process pharmaceutical packaging materials with industry standards, in a sterilised environment and with complete safety.

Our every process follows Quality Control and Quality Standards of the packaging foil. This is why we say '**Think Packaging, Think Medgoal**'.



# Values

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We lead, engage and inspire our employees to pursue our vision, encouraging their growth that support our business objectives.

We relentlessly focus on driving business forward by adapting standard processes and ensure clear communication between our clients and all key stakeholders.



# Quality Policy

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We have a well documented quality policy and are committed to continuous improvement to achieve perfection.

We have now achieved a reputed position in pharmaceutical packaging manufacturing industry.

We feel proud to say, we are the '**Best Choice**' for all our satisfied clients.



# Research & Development

Continuing with the legacy of **Manidhari Foils Pvt. Ltd**, our focused R&D approach helps us to achieve:

- Overt & Covert Anti counterfeit designs,
- Green inks like water based heat seal lacquer
- Water based low VOC inks.

We use most safest Siegwerk Inks & Dag Inks who are leading suppliers of printing inks for packaging applications across the world.

We are now committed to induce Green technology and fulfil our social responsibility.



# Quality Laboratory

Our Quality Laboratory is largely equipped with following:

- |                     |                                 |
|---------------------|---------------------------------|
| 1. Weighing balance | 8. Leak test apparatus          |
| 2. Heat sealer      | 9. Water bath                   |
| 3. Laboratory oven  | 10. COF tester                  |
| 4. Scuff tester     | 11. Bond/Seal strength tester   |
| 5. Oven             | 12. Dying pan                   |
| 6. Tester           | 13. Bursting strength apparatus |
| 7. Pin hole tested  | 14. Gas chromatograph           |



All these ensures the Quality check at every step of our manufacturing process.



# Quality Certification

Our key success is to always comply with the International Quality Standards.



**medgoal** **MEDGOAL PACKAGING FOILS**

AN ISO 9001:2015 CERTIFIED COMPANY

Pohoomal Building, Gala.no.6, Building.No.3 , 1<sup>st</sup> Floor, Survey.no.68,  
Near Meenakshi Industrial Estate, Nalkpada, Vasai (E),Dist : Palghar Maharashtra  
[www.medgoalpackagingfoils.com](http://www.medgoalpackagingfoils.com) . Email : [medgoalpackagingfoils@gmail.com](mailto:medgoalpackagingfoils@gmail.com)

Date : 01/10/2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the Aluminium foils (plain/printed) produced by us for  
Pharmaceutical application are of FOOD GRADE, non toxic and can be safely used  
for packing of Tablet/Capsules products & does not contain any harmful material  
of animal origin susceptible to TSE minimizing the risk of Transmitting Animal  
Spongiform Encephalopathy agents via medical products are related general  
monograph no. 1483 and to Bovine Spongiform encephalopathy (BSE).

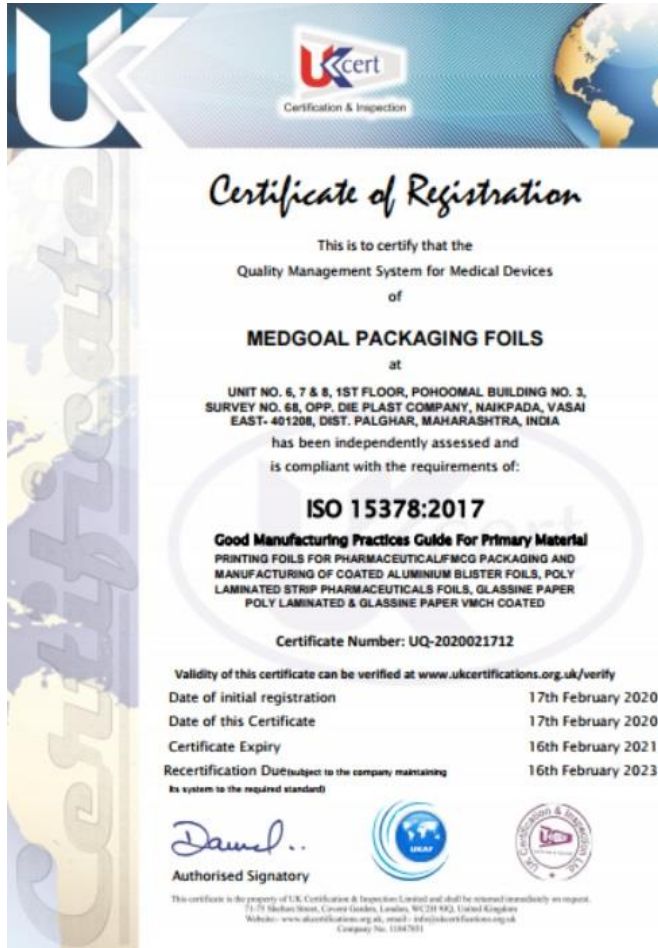
Authorized Signatory

*Daniel..*  
For Medical Packaging Foils



# Quality Certification

Our business proficiency is helping us achieve more goals as we continue to grow...



**DEPARTMENT OF HEALTH AND HUMAN SERVICES**  
Food and Drug Administration  
Silver Spring, MD 20993

DMF 034767 **DMF ACKNOWLEDGEMENT**

MEDGOAL PACKAGING FOILS  
Attention: MR. SUSHIL JAIN, PROPRIETOR  
POHOOMAL BLDG, GALA NO.6, 1<sup>ST</sup> FLOOR, SURVEY NO. 68  
BUILDING NO.3, NEAR MEENAKSHI INDUSTRIAL ESTATE NAIKPADA  
VASAI EAST-401208, DIST. PALGHAR, MAHARASHTRA, INDIA

Dear Mr. Sushil Jain,

The Food and Drug Administration acknowledges receipt of the following Drug Master File (DMF) submission:

**DMF NUMBER ASSIGNED:** 034767  
**DATE OF SUBMISSION:** MAY 21, 2020  
**DMF TYPE:** III  
**SUBJECT (TITLE):** PRINTING BLISTER ALUMINIUM FOIL, STRIP PHARMACEUTICALS FOIL, GLASSINE PAPER POLY LAMINATED & GLASSINE PAPER VMCH COATED FOR PHARMACEUTICAL/FMCG PACKAGING

**HOLDER:** MEDGOAL PACKAGING FOILS  
**SUBMITTED BY:** MEDGOAL PACKAGING FOILS  
**AGENT:** PERFECT PHARMACEUTICAL CONSULTANTS PVT. LTD.



All subsequent correspondence to this DMF should be identified with the information as provided above.

Your DMF will be reviewed only in connection to a New Drug Application, Abbreviated New Drug Application, Investigational New Drug Application, Biological License Application, New Animal Drug Application, Abbreviated New Animal Drug Application, Investigational New Animal Drug Application, or DMF it is intended to support when a Letter of Authorization (LOA) is submitted to the DMF and a copy of the LOA is submitted in the application e.g., NDA, that references the DMF.

For information on various DMF submissions, example of letter templates and DMF Guidance for Industry, check the DMF website at <https://www.fda.gov/drugs/forms-submission-requirements/drug-master-files-dmfs>

# Our Product- Aluminium Blister Foil

Medgoal Packaging Foils has an annual capacity of 1200 MTPA of finished products.

Our Core Material i.e. Aluminium is corrosion resistant, non-toxic, easy to cast, 100% recyclable, sustainable metal and has a high conductivity.

Our hard Aluminium Foil is suitable for blister packing of Pharmaceutical products such as Tablet, Capsules, etc.,. It has following general specifications:

Standard Foil Gauge	Tolerance (+/- 8%)
0.020 mm	+/- 0.0016 mm
0.025 mm	+/- 0.002 mm



# Our Product- **Aluminium Blister Foil**

Colourless Vinyl Resin (option for tinted resin available) conforming to the applicable Government regulations regarding direct contact with medicines and drugs. The resin is suitable for heat sealing to PVC/PVDC coated PVC.

## **Coating Thickness options:**

- (a) 4-6 GSM with a tolerance of +/- 0.5 GSM
  - (b) 6-8 GSM with a tolerance of +/- 0.5 GSM
- Standard, if not specified, heat sealing coating GSM is 4 with a tolerance of +/- 0.5.

Seal strength with PVC/PVDC: 8 N/25 mm min.



# Our Product- Aluminium Blister Foil

## Printing and Lacquer coating:

Printed as per text, layout and shade approved by customer. For non-printed specification, clear lacquer to be coated as a protective coating and good printability.

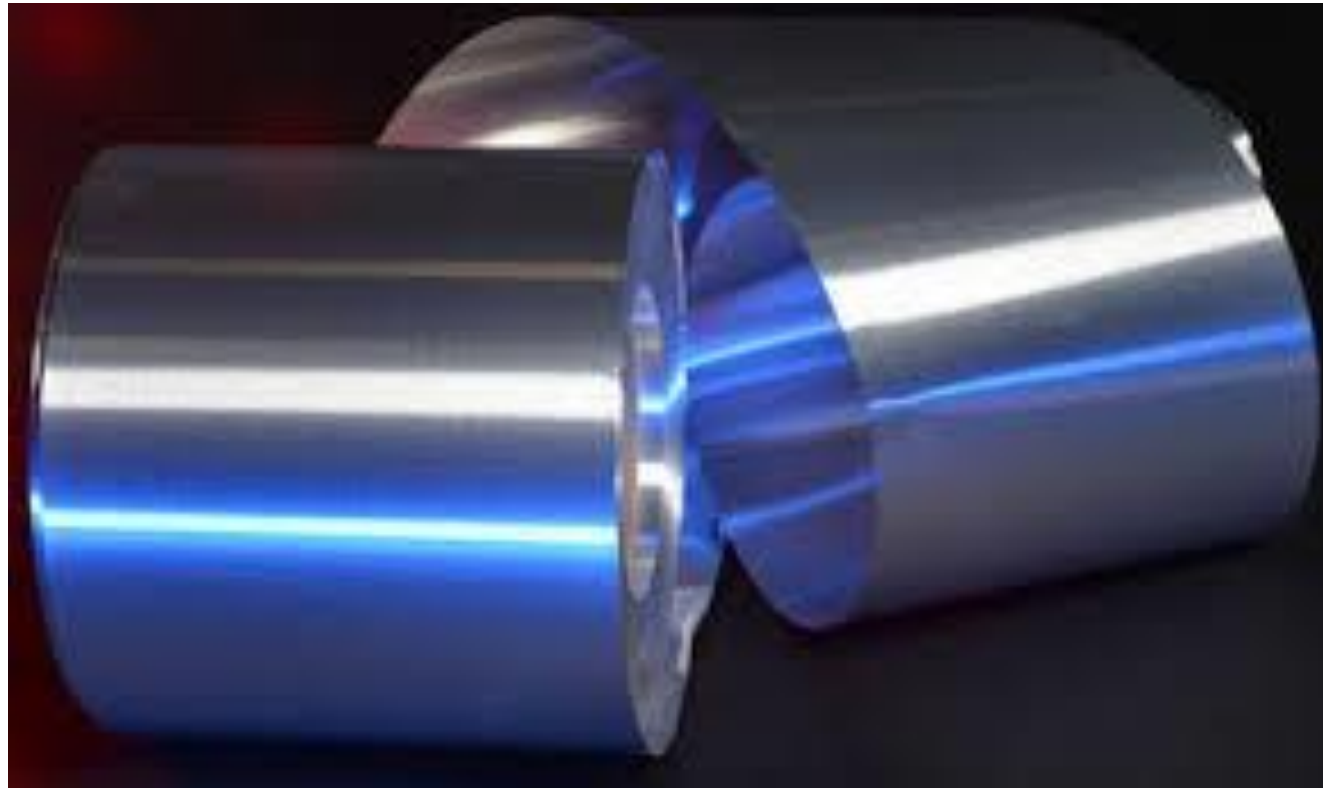
Printing inks and lacquer coatings are capable to withstand 180 deg. C for 1 sec. dwell time.



# Our Product- **Aluminium Blister Foil**

**Configuration:** Printed and Unprinted Blister Foils are available in the reel forms.

Unprinted blister foils are also available as Jumbo roll.



# Our Product- Aluminium Blister Foil

<b>Winding direction</b>	Generally printed or clear lacquer side is out with heat seal coating inside.
<b>Core</b>	Material Options : (a) PVC Core (b) Card Board Core ID - 76 mm +/- 0.5 mm The length of the core is equal to the width of the web.
<b>Splices</b>	Butt type made with 25 mm pressure sensitive tape.
<b>Reel outer diameter</b>	250 +/- 10 mm for slit material, 400 +/- 10 mm for jumbos.
<b>Reel wander</b>	Within +/- 1 mm
<b>Reel / WEB width</b>	Plain - 45mm to 800 mm with a tolerance of +/- 0.5 mm Printed - 45mm to 600 mm with a tolerance of +/- 0.5 mm
<b>Joints per reel</b>	Maximum 2 // Average less than 1
<b>Pin Holes</b>	0.025 , 0.030 micron foils are free from pin holes 0.020 micron 40% foil is free from pin holes, rest less than 10 PSM
<b>Identification</b>	Each reel shall be identified with a sticker pasted inside the core with reel numbers. Specification, Net Weight, Operator Name, Reel Number & Date of Manufacture.
<b>Packaging</b>	Blister foils are packed in cardboard carton. Relevant Markings are provided on each outer package
<b>Recommended operating conditions</b>	Sealing Temp - 170 to 180 Degree C Sealing Pressure - 2.8 to 5.6 kg/sq. cm, 40 to 80 lbs/sq.inch Dwell time - 0.025 to 0.5 sec.

# Our Product- Aluminium Blister Foil

COVERING AREA of 1kg Finished	Gauge & Temper Foil	Covering area in sq. M/kg. with 4 GSM nominal Heat Sealing Coating					
MATERIAL (Nominal)	0.020 (Hard)	17.18					
	0.025 (Hard)	13.94					
	0.030 (Hard)	11.72					
Thickness Tolerances of foil	FOIL GAUGE	Thickness (mm)			GSM		
		Min. (-8%)	Nominal	Max.(+8%)	Min. (-8%)	Nominal	Max.(+8%)
	0.020 MM	0.018	0.02	0.022	49.9	54.2	58.5
	0.025 MM	0.023	0.025	0.027	62.33	67.75	73.17
	0.030 MM	0.028	0.03	0.032	74.8	81.3	87.8
TEST CERTIFICATE	This is to certify that the actual observed values of different parameters will accompany the supplies.						



# Our Product- **Strip Pack Pharma Foil**

We also manufacture a range of soft Aluminium Foils suitable for strip packaging of Pharmaceutical products such as Tablet, Capsules, etc, It has following general specifications:

<b>STANDARD POLYMER GAUGE</b>	<b>NOMINAL</b>	<b>TOLERANCES (+/- 15%)</b>
<b>OPTIONS</b>	<b>GSM</b>	<b>GSM</b>
150	34.39	+/- 5.16
180	41.27	+/- 6.19
200	45.85	+/- 6.88

# Our Product- Strip Pack Pharma Foil

<b>PRINTING &amp; LACQUER COATING</b>	Printed as per text, layout and approved by the customer. For non-printed specification, clear lacquer to be coated as a protective coating & good printability. Printing links & lacquer coatings are capable to with stand 180 degree C for 1 sec. dwell time.
<b>CONFIGURATION</b>	Printed & Unprinted pharma foils are available in the reel forms.
	Unprinted pharma foils are also available as jumbo roll.
<b>WINDING DIRECTION</b>	Generally, printed or clear lacquer side is out in the finished reel
<b>CORE</b>	Material Options : (a) PVC Core (b) Card Board Core ID - 76 mm +/- 0.5 mm
	The length of the core is equal to the width of the web.
<b>SPLICES</b>	Butt type made with 25 mm pressure sensitive tape.
<b>REEL OUTER DIAMETER</b>	250 +/- 10 mm for slit material, 400 +/- 10 mm for jumbos.
<b>REEL WANDER</b>	Within +/- 1 mm
<b>REEL / WEB WIDTH</b>	Plain - 45mm to 800 mm with a tolerance of +/- 0.5 mm
	Printed - 45mm to 600 mm with a tolerance of +/- 0.5 mm
<b>JOINTS PER REEL</b>	Maximum 2 // Average less than 1
<b>PIN HOLES</b>	Nil

# Our Product- **Strip Pack Pharma Foil**

<b>IDENTIFICATION</b>	Each reel shall be indentified with a sticker pasted inside the core with reel numbers.
	Specification, Net Weight, Operator Name, Reel Number & Date of Manufacture.
<b>PACKING</b>	Blister foils are packed in cardboard carton. Relevant Markings are provided on each outer package
<b>RECOMMENDED OPERATING CONDITIONS</b>	Sealing Temp - 130 to 150 Degree C
	Sealing Pressure - 2.8 to 5.6 kg/sq. cm, 40 to 80 lbs/sq.inch
	Dwell time - 0.025 to 0.5 sec.

# Our Product- **Strip Pack Pharma Foil**

<b>COVERING AREA of 1kg Finished</b>	<b>Gauge &amp; Temper Foil</b>	<b>Covering area in sq. mts/kg. with 150 Gauge Polyethylene lamination</b>
<b>MATERIAL (NOMINAL)</b>	0.025 (Soft)	9.78
	0.030 (Soft)	8.64
	0.040 (Soft)	7

# Our Product- Strip Pack Pharma Foil

TABLE SHOWING THICKNESS TOLERANCES OF FOIL	FOIL GAUGE	THICKNESS (mm)			GSM		
		Min. (-8%)	Nominal	Max.(+8%)	Min. (-8%)	Nominal	Max.(+8%)
	0.025 MM	0.023	0.025	0.027	62.33	67.75	73.17
	0.030 MM	0.028	0.03	0.032	74.8	81.3	87.8
0.040 MM	0.037	0.04	0.043	99.73	108.4	117.07	

THICKNESS TOLERANCE OF POLYETHYLENE	FOIL GAUGE	THICKNESS (mm)			GSM		
		Min. (-15%)	Nominal	Max.(+15%)	Min. (-15%)	Nominal	Max.(+15%)
	150	0.0319	0.038	0.043	29.23	34.39	39.55
	180	0.0383	0.045	0.052	35.08	41.27	47.46
200	0.0425	0.05	0.058	38.97	45.85	52.73	

# Our Product- Strip Pack Pharma Foil

TABLE SHOWING THICKNESS TOLERANCES OF FOIL	FOIL GAUGE	THICKNESS (mm)			GSM		
		Min. (-8%)	Nominal	Max.(+8%)	Min. (-8%)	Nominal	Max.(+8%)
	0.025 MM	0.023	0.025	0.027	62.33	67.75	73.17
	0.030 MM	0.028	0.03	0.032	74.8	81.3	87.8
0.040 MM	0.037	0.04	0.043	99.73	108.4	117.07	
THICKNESS TOLERANCE OF POLYETHYLENE	FOIL GAUGE	THICKNESS (mm)			GSM		
		Min. (-15%)	Nominal	Max.(+15%)	Min. (-15%)	Nominal	Max.(+15%)
	150	0.0319	0.038	0.043	29.23	34.39	39.55
	180	0.0383	0.045	0.052	35.08	41.27	47.46
200	0.0425	0.05	0.058	38.97	45.85	52.73	
TEST CERTIFICATE	This is to certify that the actual observed values of different parameters will accompany the supplies.						

# Our Product- **Glassin Poly / VMCH**

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We manufacture this from of a high grade resin.

This resin is used in the Pharmaceutical industry for packing tablets, Injection Ampoules.

It is also used in the food industry to sachets for packing sugar.

We can manufacturer printed Glassine VMCH (42 GSM Glossy Paper) coated paper as per the colour requirement of the customers.



# Our Valued Clients

We supply a Coated/Poly laminated and printed Blister Aluminium Foils & Strip Pack Pharma Foils/Glassin Poly-VMCH to our major Pharmaceutical clients.

We thank all our clients to trust our innovative approach and our products.

Our Indian and international clients help us achieve our business goals.

Glenmark Pharmaceuticals Ltd.	Cipla Ltd.	Zydus	Zim Laboratories Ltd.	Flamingo Pharmaceuticals Ltd.
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# We Conclude

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We have achieved a reputed position in the industry by following international standards.

We could achieve this because of:

- Professionally skilled and experienced manpower
- Value based and ethical business practice
- Strong and wide spread marketing network
- Industry leading prices
- Quick and effective delivery



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# Thank You!

