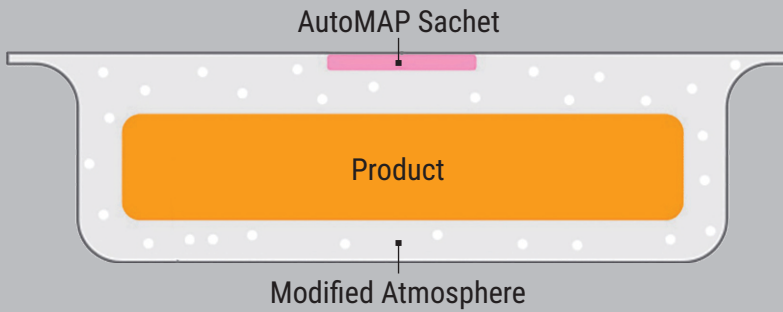


Let's Do A MAP
without A Machine...



AUTOMAP[®]
By MESSAGE



AutoMAP Technology

Practically, Modified Atmospheric Packaging Technology simply known as MAP does the Strong Vacuum and Flush the N₂ and CO₂ combinations as per product requirement. To achieve the Perfect MAP, Two Keys are required. First Key is High Barrier Packaging Material with Best OTR and WTR and the Second Key is the Perfect MAP Machine.

However, The Perfect MAP Machine requires a Big Capital Investment which is very hard for small and medium scale food manufacturer after Hard Covid Era. Apart from it, MAP Machine requires Dedicated Space and Skilled Manpower to operate the same.

While AutoMAP is a Revolution for Indian Food Industry as it doesn't require any Dedicated Machine, Space and Skilled Manpower. AutoMAP is the First Ever Self Modified Atmospheric Packaging Technology that can do Vacuum and Flush the Nitrogen & Carbon Dioxide Gas without a Machine. AutoMAP comes into Sachet form so the process is very simple. Just tear the Transparent Sachet and remove the AutoMAP Sachet from inside. Then put the Food inside the High Barrier Containers and put Sachet inside the Container and Seal with High Barrier Top Film. That's it.

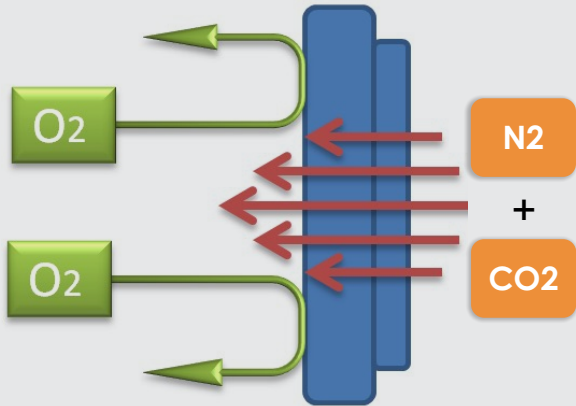
Within first 90 minutes, Oxygen inside the Container will go upto 0.10% and Nitrogen will be 70 to 80 % and Carbon Dioxide will be 20 to 30% which is more than sufficient to Extend the Shelf Life of major Indian Foods.

The biggest plus point with this Technology is that once AutoMAP Sachet is put inside the High Barrier Container, it work until the Package open that means it continuously remove the Oxygen and Generate Nitrogen & Carbon Dioxide. So Practically, Major Food Products are Equally Safe as Regular MAP.

AutoMAP Ingredients are 100% Food Grade and Non Toxic. No Health Hazard will be done.

We have developed various size of AutoMAP Sachet according to High Barrier Tray Sizes.

AutoMAP Process Overview



Machine MAP v/s AutoMAP

Sr.	Details	Machine MAP	AutoMAP
01	Packaging Concept	First Pack then Sell.	First Sell then Pack.
02	Investment	Require a Big Capital Investment for MAP Machine.	No Requirement for Big Capital Investment. Just Need Simple Tray Sealer.
03	Space	Require Big Factory Set Up as MAP Machine Require Dedicated Space.	No Dedicated Space is Required so it can be done at Outlet Only.
04	Manpower	Require High Skilled Manpower for Perfect Packaging.	Unskilled Manpower can also do AutoMAP Without Any Training.
05	MAP Cost (If Produce 1 lac Trays/Year)	For 250 gms Sweets Gas Cost is ₹ 0.80, Factory Maintenance is ₹ 2.50, Interest on Capital Investment is ₹ 0.90 and Manpower Cost is ₹ 0.80 So Total is ₹ 5.00.	For 250 gms Sweets AutoMAP Cost is ₹ 5.00. No Maintenance, Depreciation and Manpower Cost.
06	Shelf Life of Food	Enhancement Up to 5 times than Normal Shelf Life.	20% Better than Regular MAP.



Packaging Applications For Indian Sweets

Sr.	Category	Packaging Concept	Shelf Life
1	Factory to Store	Reusable Air Lock PP Container Without Seal	7 to 10 days
2	Factory to Retail	PP High Barrier With Barrier Seal IML High Barrier With Barrier Seal	30 to 90 days
3	Store to Consumer	IML High Barrier With Barrier Seal	15 to 30 days

MESSAGE FOOD SERVICES

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