

MARCHANTE

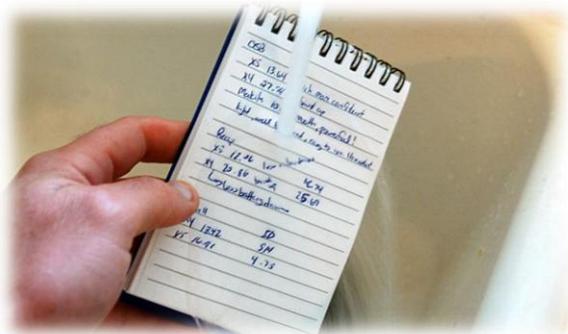
Innovation Inspired by Nature

Speciality Lines

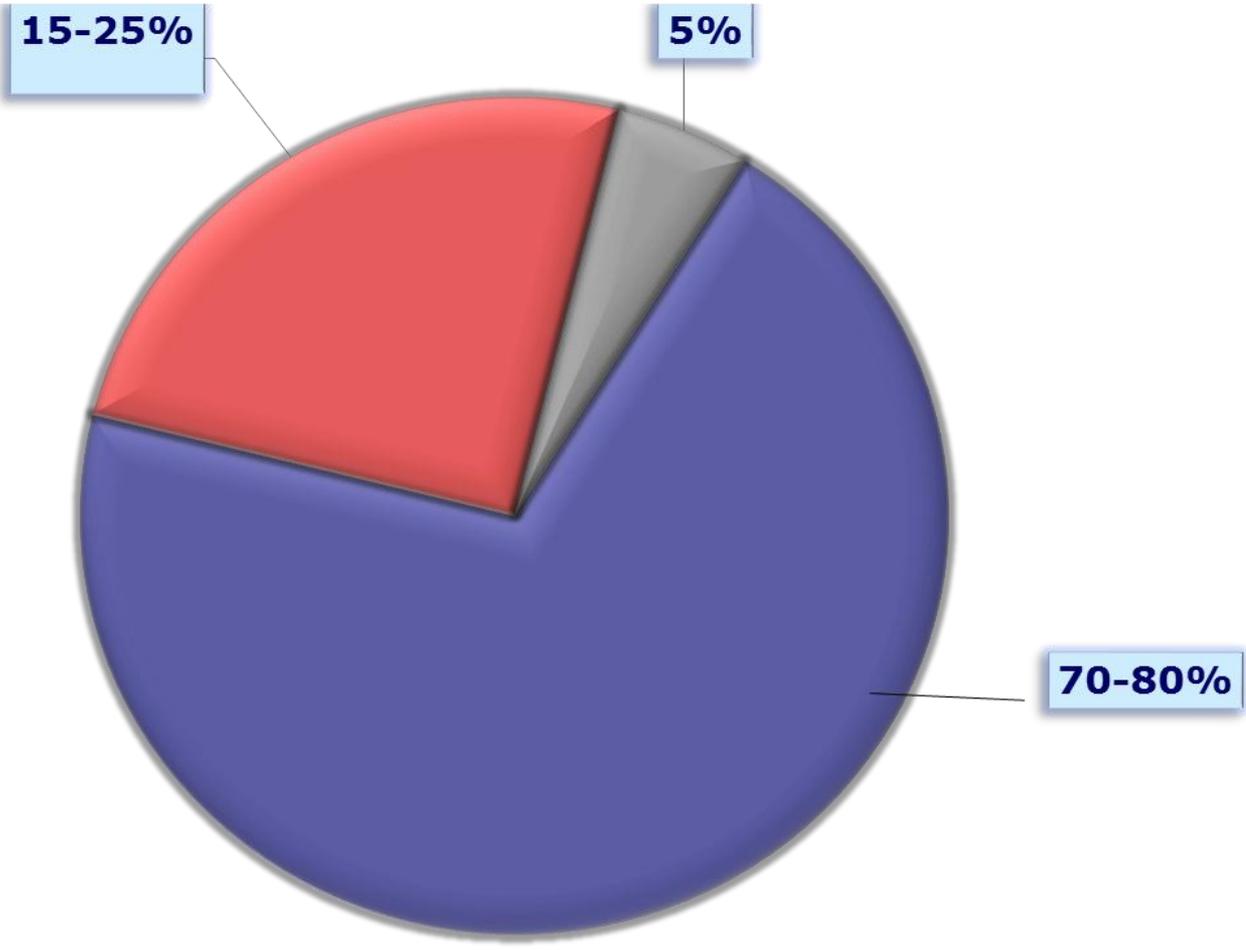
**Lines for Stone
Paper**



- ✓ durability of plastic – printability of paper
- ✓ neither synthetic nor pulp or fibre based
- ✓ environmentally-friendly paper
- ✓ no cellulose, no acid, no water use at production
- ✓ multiple applications



COMPOSITION:



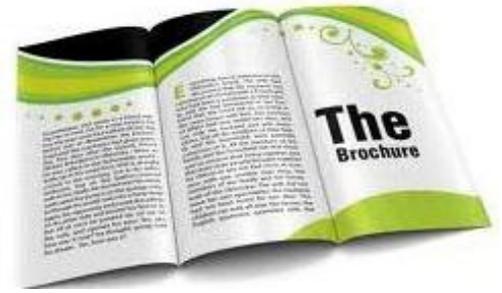
■ calcium CaCO₃+ HDPE ■ PE (recycled PE is possible) ■ additives

- ✓ **No Pulp, No Tree**
- ✓ **Preserves Eco-System**
- ✓ **No Water Pollution**
- ✓ **Water Proof**
- ✓ **No Air Pollution**
- ✓ **No Acid, No Bleach**
- ✓ **No Waste Release**
- ✓ **Recyclable, Photodegradable No toxic**
- ✓ **Release Conserve Energy, Reduce CO2**



ADVANTAGES

- ✓ beautiful appearance
- ✓ smooth touch
- ✓ wide variety of use of mineral sources
- ✓ exceptional printing
- ✓ water-proofing
- ✓ tear-resistance qualities
- ✓ tough
- ✓ mist, grease, anti-moth and insect proof
- ✓ can be frozen (-60°C)
- ✓ 100%recyclable - environmentally friendly



Manufacturer's benefits

- **No Water Needed for Production**
- **No Acid, No Bleach**
- **No Waste Release**
- **Simplified Production Process**
- **Reduced Investment Cost**
- **Food Grade Certified**
- **Reduced Production Cost**

Consumer Benefits

- **Competitive Pricing**
- **Waterproof**
- **Durable**
- **Recyclable, Photodegradable**
- **No toxic Release**
- **Grease Repellant**
- **Heat Sealable**

APPLICATIONS

- ✓ **Maps & Charts**
- ✓ **Tags & Labels**
- ✓ **Posters**
- ✓ **Catalogues**
- ✓ **Brochures**
- ✓ **Menus**
- ✓ **Manuals**
- ✓ **Banners & Signs**
- ✓ **Packaging**
- ✓ **Shopping Bags**
- ✓ **Outdoor Applications**
- ✓ **Wallpaper**



INDUSTRIAL APPLICATIONS

- withstands repeated handling
- longlasting
- grease and chemical substances resistance

**TECHNICAL
MANUALS**

- pressure sensitive
- chemical resistance
- thermal transfer

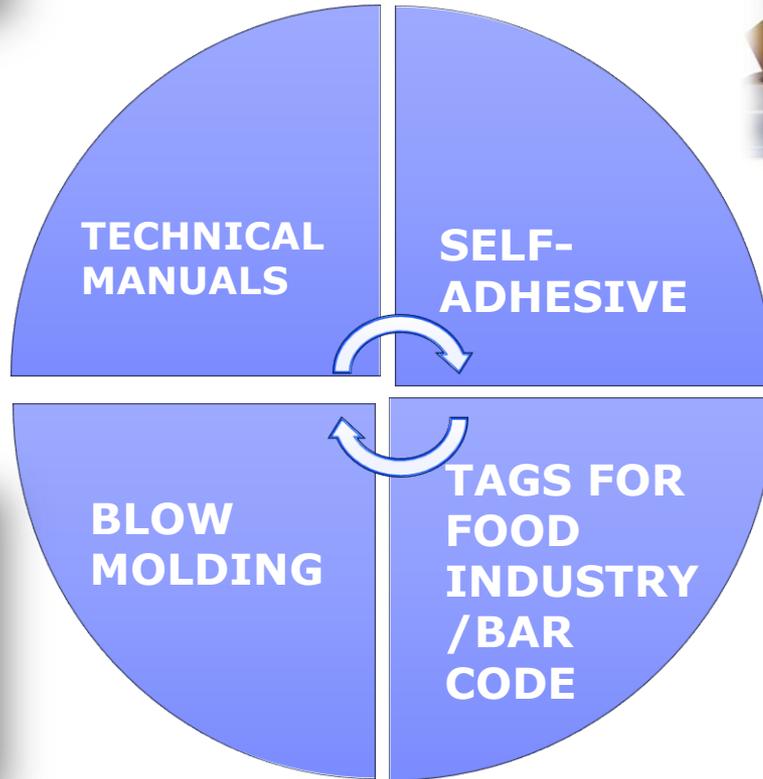
**SELF-
ADHESIVE**

- blister free
- recyclable

**BLOW
MOLDING****TAGS FOR
FOOD
INDUSTRY
/BAR
CODE**

- withstands harsh conditions
- tear resistant environments
- can be frozen (-60°)

INDUSTRIAL APPLICATIONS



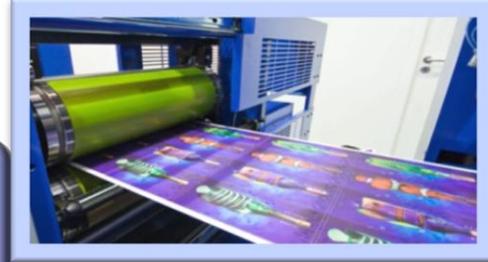
PACKAGING & DECORATION



- ✓ **Posters**
- ✓ **Packaging**
- ✓ **Shopping Bags**
- ✓ **Wallpaper**



- ✓ *excellent printing by thermal transfer*
- ✓ *sharp print definition*
- ✓ *different types of printing*



OFFSET

DIGITAL

FLEXOGRAPHY

PRINTING



MARKETING & ADVERTISING MATERIALS

- Good resistance to UV
- Sharp colours
- Can be used outside

BANNERS

- Tough
- Water resistant
- Beautiful appearance

PACKAGING

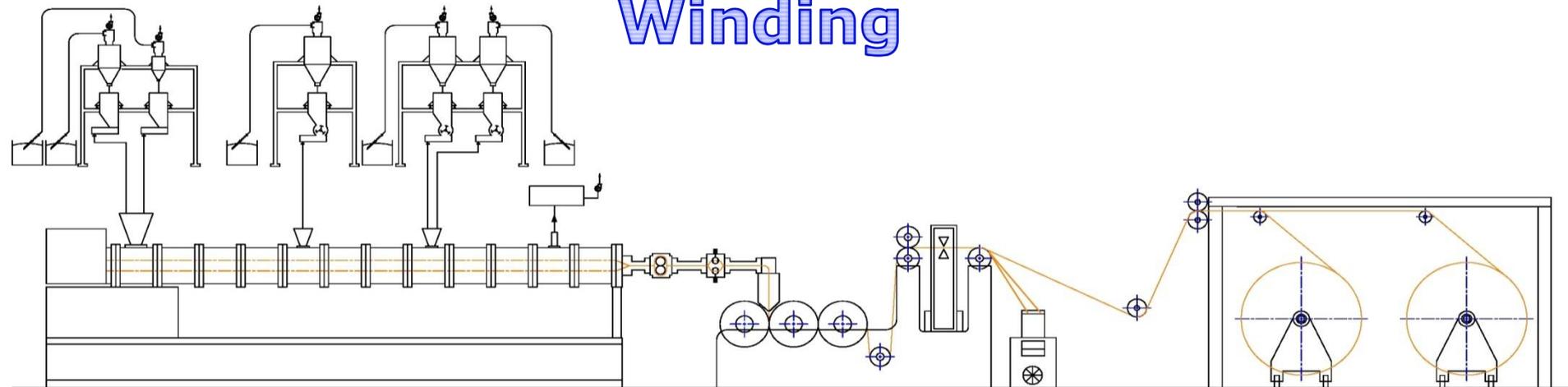
- Sharp colours
- Good opacity

CATALOGS



- ✓ **OPTION 1: Extrusion + Casting + Winding**
- ✓ **OPTION 2: Extrusion + Casting + MDO + Winding**
- ✓ **OPTION 3: Extrusion + Casting (Chill Roll) + MDO+TDO+ Winding**
- ✓ **OPTION 4: Extrusion + Casting(Calander) + Simultaneous MD/TD+ Winding**

OPTION 1: Extrusion + Casting + Winding



Thickness

- From 150 to 800 μ

Density

- From 1,8 to 2,5 kg/l

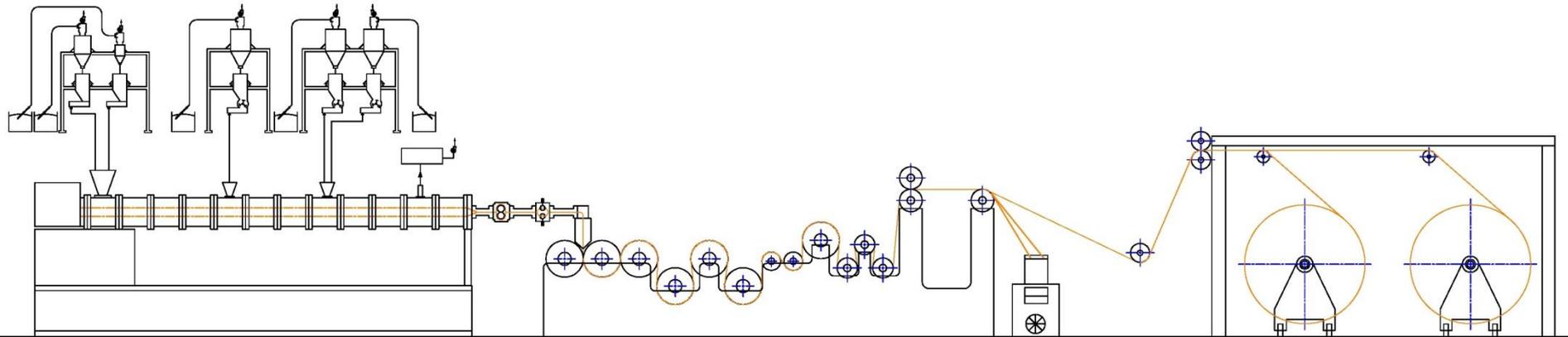
Output

- Up to 1000 kg/h

Width

- 2 m

OPTION 2: Extrusion + Casting + MDO + Winding



Thickness

- From 50 to 800 μ

Density

- From 1,2 to 1,8 kg/l

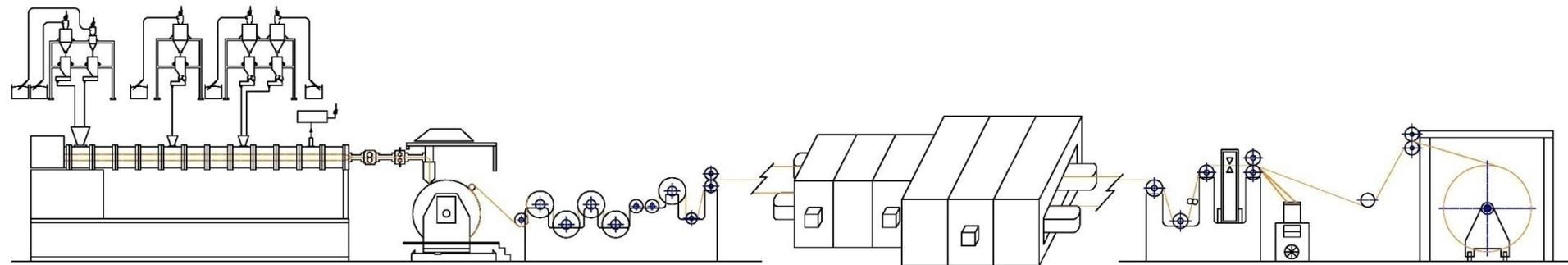
Output

- Up to 1000 kg/h

Width

- 2 m

OPTION 3: Extrusion + Casting (Chill Roll) + MDO+TDO+ Winding



Thickness

- From 30 to 500 μ

Density

- From 0,65 to 0,8 kg/l

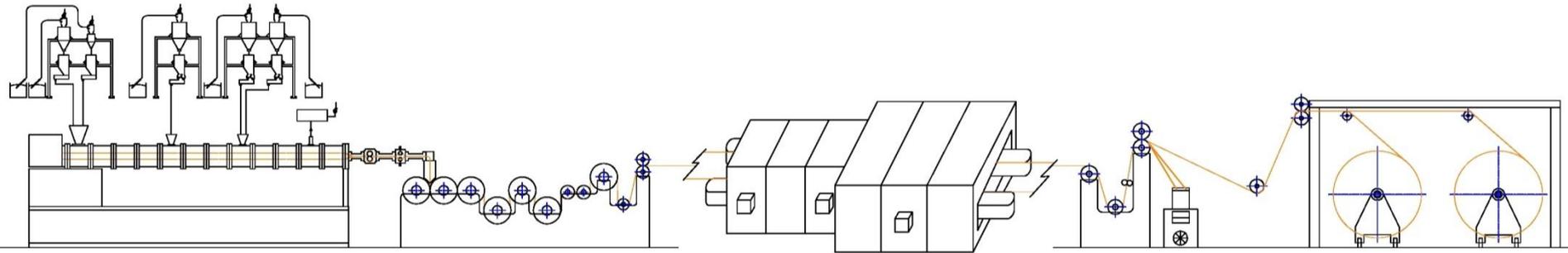
Output

- Up to 1500kg/h

Width

- 4,2 m

OPTION 4: Extrusion + Casting(Calander) + Simultaneous MD/TD+ Winding



Thickness

- From 30 to 500 μ

Density

- From 0,65 to 0,8 kg/l

Output

- Up to 1500kg/h

Width

- 4,2 m

EXTRUSION



TDO



WINDER



**Thank You
for Your Attention!**