

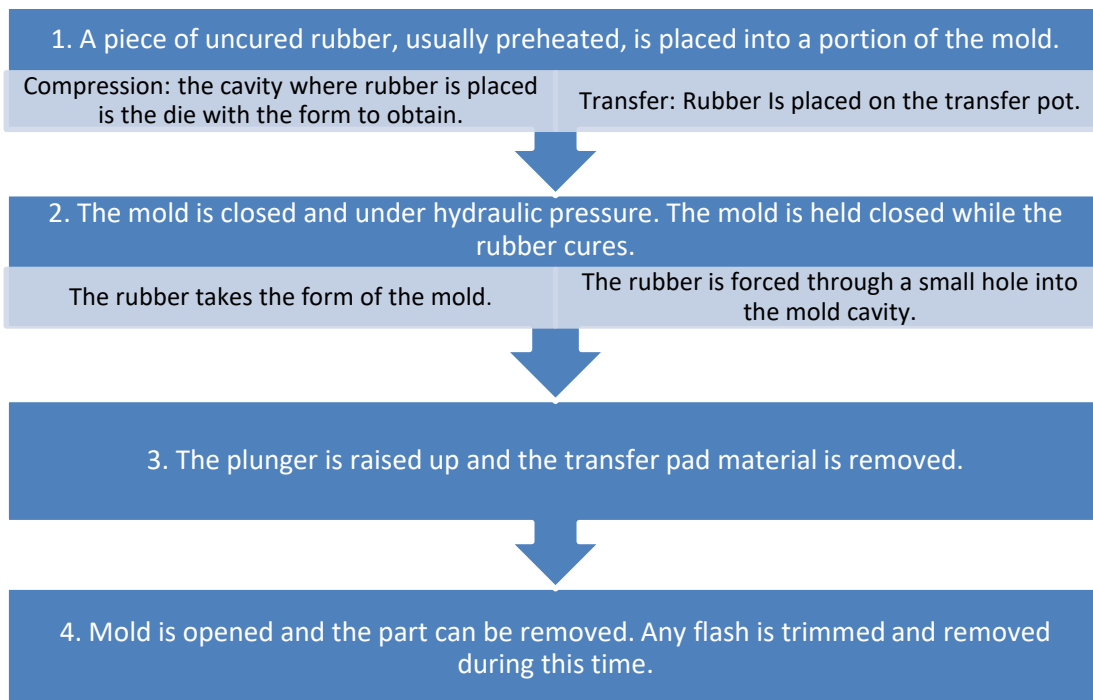
COMPRESSION AND TRANSFER MOULDING

Gestión de Compras has extensive experience in the design, development and manufacture rubber parts by compression and transfer.

PROCESS:

Compression molding and transfer molding are two main methods for producing rubber parts. Meanwhile compression molding is useful for making large parts where tightest tolerances and flawless finishes are not required, transfer molding is widely used to enclose or encapsulate items.

Compression and transfer molding are similar processes, on the next diagram is possible to see the differences and similarities on the operations:



Compression molding advantages:

- Low tooling costs.
- Make intricate products.
- Rapid production.
- Accept a large range of materials.
- Useful to make large parts.
- Least amount of waste.
- Short set up time.
- Accept high durometer materials.

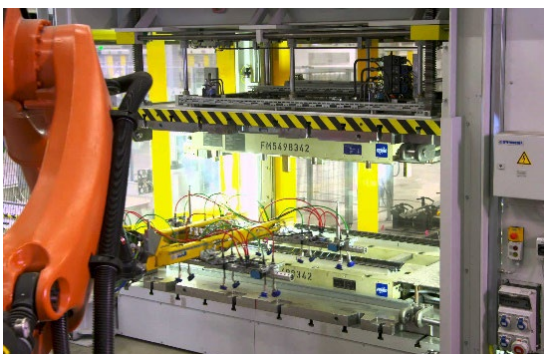
Transfer molding advantages:

- Higher production rate.
- Low production costs.
- Complex products.
- Thicker walls.
- Good surface finish.
- Fast mold set up.

PRODUCTION:

In **Gestión de Compras** we have an extensive experience in the design, development and manufacture rubber parts by compression and transfer. We have the versatility to produce parts of products according to requirements and drawings of customer, but we also work with standard products.

We work with most of material and rubber molding processes because we have the support of factories equipped with state-of-the-art machines and tools to get the desired products.



MATERIALS AND PRODUCTS:

The most used materials used on compression and transfer moulding are thermoset polymers. Also resin transfer molding allows for a composite material to be made by placing a fiber within the mold and subsequently injecting the thermosetting polymer. By these methods it's also possible produce metal-rubber parts. Following some examples of materials used on these two methods:

- **Epoxy resins**
- **Unsaturated polyester resins**
- **Vinyl ester resins**
- **Elastomers** (Neoprene **Rubber**, **Silicone Rubber**, **EPDM Rubber**, **Viton Rubber**, **Vinyl Rubber**, etc.)

These two methods are useful to make oil rings, gaskets, seals, integrated circuits, plugs, connectors, air gauge guard, bumpers, solid tires, strain relief protectors, gaskets, grommets for vibration isolation, slit grommets, spools, isolators for automotive application.



TOLERANCES:

Although these two methods can't obtain narrow tolerances, transfer molding produces parts with better consistency than compression molding, allowing tighter tolerance and more intricate parts.

STANDARD AND CERTIFICATES:

Our factories have the most demanding certifications for customers to ensure product quality as:

- ISO 9001.
- TS 16949.
- ISO 14001.
- ISO 295.
- DIN EN 289.



CONTACT:

In **Gestión de Compras** work with a wide range of customers from different sectors but have in common the search for products that suit your needs at the best Price and the guaranteed maximum quality. Check with us about any product. We have a qualified staff who will advise you.

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