



**JAFFERJEE BROTHERS EXPORTS (PVT) LTD**  
**150, ST JOSEPH'S STREET, COLOMBO-14 , SRI-LANKA**

### Continues Extrusion and Vulcanization Line



- We are capable of manufacturing almost any EXTRUDED RUBBER PRODUCT, from the one-time special part to high-volume runs. Custom profile extrusions are common.

Our extrusion equipment can produce EXTRUDED RUBBER PRODUCTS in all shapes: o-ring cord, tubing, squares and rectangles, and profiles in a wide variety of sizes. We are currently able to Extrude rubber profiles with a maximum height of 70 mm and width of 170 mm.

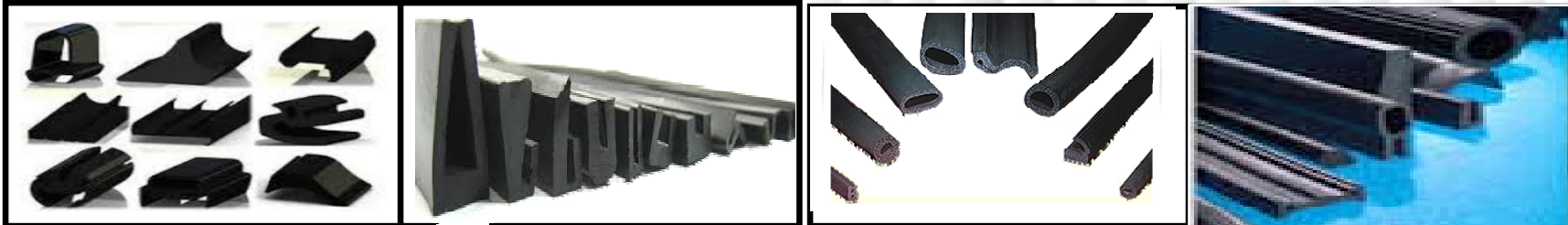
Our extrusions meet the most acceptable specifications, as well as all extruded rubber commercial standards.

Our continuous vulcanization extrusion equipment, which vulcanizes extruded rubber through a microwave process, is the most technologically advanced equipment for curing continuous lengths of extruded rubber. As a result of this process, closer tolerances are maintained. In addition, Micro waved EXTRUDED RUBBER is very cost-effective, long lengths are typical. In line cutting is another available option to maintain lowest possible costs.

















## **Rubber extrusions are available in the following materials:**

- EPDM
- SBR
- NATURAL RUBBER and
- NEOPRENE

# Main Types of Rubber Extrusion Profiles-Solid and Hollow



## RUBBER EXTRUSIONS

<u>"U" Channels</u> 	<u>"L" Strips</u> 	<u>"U" Channel with Bulbs</u> 	<u>"D" Bumpers/Ext. Dock Bumpers</u> 
<u>"P" Strips</u> 	<u>"H" Channels</u> 	<u>"E" Channels</u> 	<u>Half Rounds</u> 
<u>Wing Bumpers</u> 	<u>"T" Shapes</u> 	<u>Bumper Strips</u> 	<u>Rectangular</u> 
<u>Extruded Solid Bumpers</u> 	<u>Seals</u> 	<u>"C" Channels</u> 	<u>Circular Channels</u> 



### Sponge Rubber Profiles

Sponge rubber profiles with a smooth and closed surface are manufactured in various hardness types using the following materials:

- EPDM
- CR (Chloroprene)
- NR (natural rubber)

Sponge rubber profiles are made in dimension tolerances class E3/E2 according to the ISO 3302-1 standard

### **Hot Jointing Machine for Rubber Profiles**

JB has fabricated hot jointing machine in-house. This particular machine is used to obtain sturdy joints by inserting a sheet of non-vulcanized rubber –say 0.5 mm thick between two pre-heated moulds constructed according to the geometry of the seal.

For improved quality, the mould is produced for each individual seal cross-section.

Furthermore, the joint is perfect from both the aesthetic and the mechanical viewpoint. The seal can be straight or angular jointed and from different materials like solid rubber or co-ex rubber – solid and sponge part and in many different qualities – EPDM, NBR, etc. Min. diameter of the ring is 145 mm.

#### **Main Application areas**

Hot-splicing solutions are rubber products within the automotive, hydraulic and civil engineering, power generation and specialized manufacturing industries

## Industry we cater for

We manufacture a wide range of rubber profiles of various shapes, cross sections, colors, hardness and dimensions is available for the application in:

**Building Industry**

**Car Industry**

**Alternative Energy Sources**

**Home Appliances Industry**

**Aluminum Industry**

**Other Industries**

We offer Many types of profiles of various cross sections ,by utilizing in-house developed high-precisions machines and tools with the knowledge of our experienced development team,

Our especially is offering tailor-made solutions to meet special requirements of our customers.



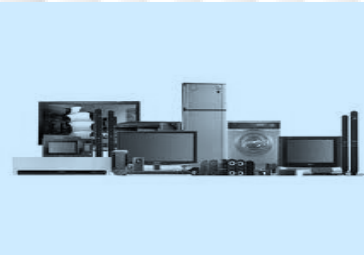
**Building Industry**



**Car industry**



**Alternative Energy Source**



**Home appliances industry**



**Tunnels**