

We should know the upholstery tools, materials ,machines, bench and the atmosphere of workshop.

4.1. Tools of upholstery

We use lots of tools from stuffing to upholstery fabric in the stage.

➤ **Stuffing tools**

These are tools which is used to flex and form the upholstery. Although there are lots of natural tools, artificial tools is started to use instead of them because of they breaks easily.

➤ **Artificial rubber (sponge)**

This is a stuffing tool which is commonly used in works of upholstery nowadays .It is the basic tool of upholstery and used almost all kind of upholstery. There are lots of tools in various thicknes and density. It is called 'density' in artificial rubber. It is available in the density of 22–26–28–32–36–40 in the market.The ones which is in 0,5–5 cm thickness is 140x240 and the ones 6- 14 cm is 120x240 cm plates



Picture 3.1: Types of artificial rubber

➤ **Natural rubber**

It is obtained from the secretion of rubber plant . There is no using field because of being natural and expensive, limited production. It is hard to find in the market.

➤ **Wadding cotton**

Cottons of factory residuals is marketed special processed and turned into thin layer in the shape of roll. It is used in the same purpose with fiber. The field of usind is decreased with the marketing of artificial fiber of the late years.



Picture 3.2: wadding cotton

➤ **Tow**

Tow produced from hempen fiber is a cheap stuffing tool. It is sold as bale or kilo in the market .



Picture 3.3: Tow

➤ **Clipping sponge**

It is used by clipping of sponge and used as tool of stuffing .



Picture 3.4: Clipping sponge

➤ **Fiber**

Fiber is placed between the tool of stuffing and rubber to prevent the friction of rubber and fabric. It is produced from material called polyester. It provides light height and form to the upholstery. It is sold 0,5 cm thickness and 200 cm width

and shaped bale in the market. Fiber with silicon is generally used in pillows and mattress as stuffing tool . It is available in packaged fiber sacks with silicon and the market .

Picture 3.5: Fiber thin layered



Picture 3.6: Fiber with silicon

➤ **Lining cloth**

It is called any texture which is used invisible places in upholstery..

➤ **Canvas**

It is used in invisible places to cover of the surface of colon and archs .It is available in the type of dense and sparse



Picture 3.7: Sparse canva



Picture 3.8:Dense canva

➤ **Nylon lining**

It is used to cover colon and arch like materials in the lower part of furniture frames.



Picture 3.9: Nylon lining

➤ **Hempen lining**

It is used in the floor of upholstery and fixed on the colons and archs .



Picture 3.10: Hempen lining

➤ **Rib**

It is the tool that provides the straight image for the upholstery which is sewed to the edge of pillows and cushions. It is sold in the shape of long lanes It is available in various thickness according to the using place.



Picture 3.11: Rib

➤ **Lane**

It is used with the aim of covering extras and decorative image in the upholstery. It is attached with hot silicon.



Picture 3.12: Lane

➤ **Hobnail**

It is used to cover extra places of upholstery. There is also various imaged hobnails.



Picture 3.13: Types of hobnails



Picture 3.14: Upholstery hammred lane hobnail

➤ **Staple wire**

These are u shaped nails which is used beneficial to sticking tools of wood upholstery and applied with the machine. There are various measured staple wires in the market.



Picture 3.15: Staple wire

➤ **Face fabric**

It is the complementary tool of upholstery and used in fabric, artificial leather or leather.

➤ **Fabric**

There is lots types of fabric which is used as face fabric in the upholstery. These are textures with silk, woollen, linen, cotton and

synthetic in different colored ,and figured . They are resisted to friction, stretching and flexion .It is generally sized 140 cm (double width). It is started to produce in stain free and resisted to burning fabrics in the late years.



Picture 3.16: Fabrics

➤ **Artificial leather**

Artificial leathers which is called vinylex in the market is similar to leather in terms of appearance only. It is used from completely synthetic materials . It is not durable like leather and used in furniture upholstery because of it is alike leather. It is generally sold 120-140 cm width and shaped of long roll.



Picture 3.17: Artificial leather

➤ **Natural leather**

It is produced from processed animal skin and used in quality works because of cost. The using place is limited.



Picture 3.18: Natural leather

➤ **Colon**

It is an essential tool that is hammered the floor of upholstery and provides the flexibility to it. It is available type of rubber, canva and elastic. It is the basic tool of today'upholstery. It is attached to furniture frame with u shaped nails and sold with meters and rolls .



Picture 3.19: Types of colon

➤ **Sewing ropes**

They are ropes used in sewing works in machine or hand .The thickness of ropes which is used in hand changes in accordance to using place. Used in tying arch is called

string. The thickness of used in sewing machines is standard and shaped bobbin.



Picture 3.20: Sewing ropes and usage

➤ **Hot silicon**

It is used in sticking of lanes and different tool in upholstery. It is sold stick shaped and applied with guns which is heated electric.



Picture 3.21: Hot silicon and the gun

➤ **Rubbered glue**

It is the basic glue used in upholstery and sold in small tubes or big tins. The ones which is sold in big tins is more fluid because of applying with spray gun.



Picture 3.22 Rubbered glue

➤ **Wire nails**

They are nails which is used attaching different tools in upholstery. It is tacked with hammer or machine and sold in kilos .



Picture 3.23: Wire nail

➤ **Zipper**

It is very essential in the upholstery in terms of the ripping and washing process nowadays and generally applied to upholstered cushions and pillows.



Picture 3.24: Types of zipper