



# **TRINITY COLLEGE FOR WOMEN NAMAKKAL**

**DEPARTMENT OF COSTUME DESIGN & FASHION**

## **BASICS OF TEXTILES ODD SEMESTER**

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# TYPES OF WEAVES



# WEAVES

Fabric are manufactured in wide varieties and design. And the different design and effect is produced on the fabric with the help for various and lots of design which enhances the look of apparels. The following are the different types of weaves and also overview the fabrics come under the different weave categories.



# TYPES OF WEAVES

## 1. Plain Weave

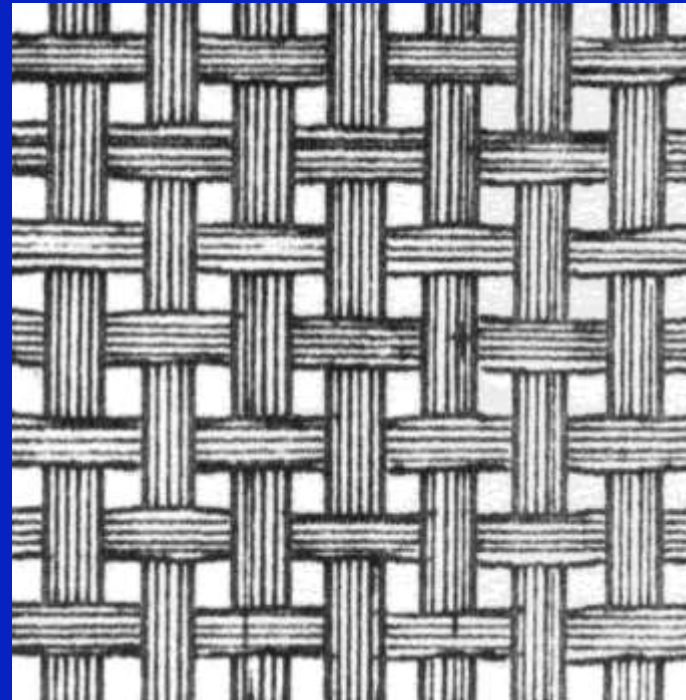
Most simple and most common type of construction Inexpensive to produce, durable, Flat, tight surface is conducive to printing and other finishes. The simplest of all patterns is the plain weave.

The plain weave may also have variations including the following:

- Rib weave
- Matt Weave or Basket weave

## Different types of Fabric

- Chiffon
- Georgette
- Seersucker
- Shantung
- Monks cloth
- Oxford



# TWILL WEAVE

Creates a diagonal, chevron, hounds tooth, corkscrew, or other design. The design is enhanced with colored yarn is strong and may develop a shine. Twill weave is characterized by diagonal ridges formed by the yarns, which are exposed on the surface. These may vary in angle from a low slope to a very steep slope. Twill weaves are more closely woven, heavier and stronger than weaves of comparable fiber and yarn size. They can be produced in fancy designs.

## TYPES OF FABRICS

Denim

Gabardine



# SATIN

- SMOOTH, SOFT LUSTER
- EXCELLENT DRAPABILITY
- FLOATS SNAG EASILY

## TYPES OF FABRICS

- SATIN
- SATEEN
- CHARMEUSE



# JACQUARD

when carefully analyzed, may be seen to contain combinations of plain, twill, and satin weaves, even in the same crosswise yarn. Many decorative fabrics are made by the jacquard technique. Yarns woven into unlimited designs, often intricate, multicolor effect. Expensive, but the design dont fade or wear out. Durability depends on the fiber used. The Jacquard loom was invented by Joseph Marie Jacquard.

## TYPES OF JACQUARD FABRIC

- BROCADE
- DAMASK



# LENO OR GAUZE

In leno or gauze weave pairs of warps are twisted over each other with each passing of filling yarn. The leno weave is the modern descendant of a technique called twining that was used thousands of years ago for making fabrics. In leno-weave fabrics, the warp yarns are paired.





# PILE FABRIC

Extra sets of warps or fillings are woven over ground yarns of plain or twill weave to form loops. Pile fabrics have been defined as fabric(s) with cut or uncut loops which stand up densely on the surface. Pile fabrics may be created by weaving or through other construction techniques, such as tufting, knitting, or stitch through

## Uncut Pile

- Loops Are Possible On Both Sides Of Fabric
- Soft And Absorbent, Relatively Inexpensive
- Can Snag If Loops Are Caught

## Cut Pile:

- Soft And Warm, Resilient, Absorbent
- May Have A Nap That Must Be Matched
- May Be Expensive And Need Professional Cleaning
- Method Of Construction:
  - Similar To Uncut Pile, But Loops Have Been Cut



# THANK YOU

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