

# TECHNICAL DATA SHEET

## RESIN IMPREGNATED FIBERGLASS DISCS

### 1) Introduction:

Our Fiberglass Discs are punched using hydraulic automated presses, from resin – impregnated fiberglass reinforced cloth. Due to their bonding performance with abrasives, heat resistance and structural integrity, our Discs are the ideal reinforced base material for a variety of Grinding Wheels.

### 2) Expression of specification:

*(OD) x (ID) – (Type) – (Glass Weaving Type) x (Mesh) X (GSM)*

For example, if the disc specification is 178 X 23 NP – Leno 5X5 – 260

Outer Diameter (OD) – 178mm, Inner Diameter (ID) – 23mm

Type of Lamination – NP

Glass Weaving Type – Leno

Mesh – 5X5

GSM - 260

### 3) Weaving pattern availability of fiberglass fabrics used in Fiberglass Discs:

- a) Leno Weave
- b) Plain Weave
- c) Basket Weave

### 4) Specifications of Fabric mesh size and GSM (grams per square metre):

Leno Weave	Plain Weave	Basket Weave
L-5X5-190	Plain-8X8-260	BW-5X5-560
L-5X5-240	Plain-8X8-320	
L-5X5-260	Plain-8X8-420	
L-5X5-320		
L-5X5-420		
L-5X5-520		
L-6X6-100		
L-6X6-190		
L-8X8-80		
L-8X8-125		
L-8X8-170		
L-8X8-260		
L-8X8-320		
L-10X10-100		
L-14X14-85		

**5) Size of Fiberglass Discs:**

- Outer Diameter as per requirement, generally available from 23mm to 713mm
- Inner Diameter as per requirement, generally from 0mm to 230mm

**6) Disc Types:**

- a) Without lamination with wax paper as a separator
- b) Laminated with Black Tissue paper
- c) Laminated with Non - Woven Fabric / Fleece Paper / Velvet Paper

**7) Other Parameters:**

<b>Parameter</b>	<b>Range</b>
Resin Content	28-32 (%%)
Volatile Content	Less than 4 (%)
Tolerance (OD)	-1 (mm)
Tolerance (ID)	+0.5 mm