

# Abrasive Materials Overview Chart

This chart provides a detailed overview of BYC95 abrasive materials. It specifies grain types, backing options, suitable operations, key features, and standard widths.

**BYC95**

Product Overview: Includes images of abrasive wheels and a list of key features such as 'High Abrasiveness', 'Long Life', and 'Wide Application'.

Material Type	Grain Type	Backing Material	Operation	Width
Aluminum Oxide	Aluminum Oxide	Cotton Cloth	Grinding	Standard
Silicon Carbide	Silicon Carbide	Blending Cloth	Grinding	Standard
Zirconium Oxide	Zirconium Oxide	Polyester	Grinding	Standard
Calcined A/O	Calcined A/O	Paper Backing	Grinding	Standard

Legend: \* STRONG ADVANTAGE ON THE FILES, \*\* TO BE PRODUCED ON REQUEST, ■ REGULAR, ● FINEST GRAIN, ◻ COMMON GRAIN, ◆ PLUS SPECIAL'S DESIGN SIZE

## Product Overview

### Comprehensive Abrasive Material Guide

This reference chart provides a complete overview of abrasive material specifications, detailing grain types, backing materials, and suitable operational applications. Designed for professional sourcing, it helps users match specific abrasive characteristics—such as grain composition and backing durability—to their target materials including metal, wood, textiles, and glass. The guide clarifies operational parameters like wet versus dry suitability and standard production widths to streamline the selection process for industrial grinding and finishing.

## Material Composition

Available Grain Types	Aluminum Oxide, Silicon Carbide, Zirconia Aluminum, Calcined A/O
Backing Materials	Cotton Cloth, Blending Cloth, Polyester, Paper Backing

## Operational Capabilities

### Suitable Materials

- Ferrous Metal
- Non-ferrous Metal
- Hard Metal
- Hard Wood
- General Wood
- HDF (High-Density Fiberboard)
- MDF (Medium-Density Fiberboard)
- Textiles
- Glass
- Plaster
- Leather

### Usage Modes

Machinery Use • Hand Use • Wet • Dry

## Technical Specifications

### Standard Width

**1420 mm**

Standard Width

### Grit Range Availability

Specification	Status
Standard Grit Range	Available
High Grit (P800-P1000)	Available
Custom Production	Available on Request