

PolyMaxx

POLYURETHANE BLADES

To get the the best efficiency and service life from a scrapers, it is very important to choose the best polyurethane suitable for the application.

Thejo offers a full range of polyurethane options, each specifically formulated to stand up to highly demanding operating conditions. The urethanes are colour coded based on the formulations, allowing the clients to choose the correct blade easily.

Thejo's solid polyurethane blades provides exceptional cleaning and very good service life and can be customized to fit with a wide array of other OEM belt cleaners.



SALIENT FEATURES

➤ Horses for Courses:

Urethanes are available in a variety of formulations, customized to suit different applications.

➤ Colour Coding:

Poly Urethane blades are colour coded for ease for selection. Each colour represents a typical application.

➤ Proprietary formulations:

The urethane formulations are derived at our state-of-the-art Research and Development centre, are engineered to withstand the tough operating conditions at installation sites.

➤ Constant Angle Design:

Polyurethane blades with Constant Angle Design(CAD) maintains optimum cleaning angle through out blade life.

➤ Customized Designs:

Custom blade designs can be provided to meet specific application requirements.

TECHNICAL DATA

BLADE COLOUR	SHORE HARDNESS (A)	APPLICATION TEMPERATURE	TYPICAL APPLICATION
ORANGE	78-88	-20 to 80 C (-20 to 175 F)	Wood Chips, Saw Dust, Bagasse
RED	78-88	-20 to 80 C (-20 to 175 F)	Coal, Iron Ore, Pellet, Copper Concentrate
YELLOW	85-95	-20 to 80 C (-20 to 175 F)	Iron Ore Slurry, Wet Coke, Base Mix
GREEN	75-85	-20 to 125C (-20 to 257F) Continuous -20 to 150C (-20 to 302F) Intermittent	Dry Coke, Sinter, Clinker, Foundry Sand
BROWN	78-88	-20 to 80 C (-20 to 175 F)	Lime Stone, Fertilizers

BLADE SELECTION CHART

BLADE COLOUR	COLOUR CODE	APPLICATION
ORANGE	O	Light Duty applications with low moisture content
RED	R	High Wear and Abrasion applications with low and medium moisture content.
YELLOW	Y	High Wear and Abrasion & high Moisture content applications
GREEN	G	High Temperature Applications, not recommended is moisture content is present.
BROWN	B	Suitable for applications having chemical content. Suitable for moisture applications.