

Martin® High-Performance Urethane

Martin Engineering is the leader in the development of high-performance urethanes for specialized belt cleaner/belt scraper applications. These color-coded urethane blades can be supplied for any Martin® primary cleaner, as well as any primary cleaner supplied by another manufacturer.



BENEFITS

- Effectively eliminate material carryback, reducing loss of material and clean up chores.
- Fewer blade changes, less maintenance downtime.
- Best price per performance of ANY blades in the market.
- Blades offered for the full line of Martin® belt cleaners, plus retrofit-replacements for many other manufacturers' models.
- Quality blades backed up with our Absolutely No Excuses Guarantee

The Choice in Urethane:

Color Shows the Difference

Pigment makes no difference in urethane performance. The difference is in the urethane formulation. Martin Engineering manufactures its high-performance urethanes in unique colors to simplify manufacturing and customer ordering.

Accept No Compromises with High-Performance Urethanes

Suppliers with only a “one-size-fits-all” urethane have made a compromise. They have aimed for the middle of the road and cannot offer a solution that is best for specific conditions. Only Martin Engineering offers you the ability to specify a urethane that suits your challenging application.

High-Performance Urethanes Withstand Aggressive Conditions

The green and brown urethanes from Martin Engineering offer superior performance in tough conditions with exposure to high temperatures or chemicals, respectively. For an economical solution for light-duty applications, specify Tan Urethane.

Select A High-Performance Urethane To Match Your Application

All Martin® Urethane formulations can be molded into blades for any Martin® Pre-Cleaner.

To specify a formulation, add the appropriate suffix to the part number of the cleaner assembly or replacement blade when ordering.

For assistance in ordering High-Performance Urethane Blades to fit cleaners supplied by other manufacturers, contact your Martin Engineering representative.

Application Conditions

Abrasive Conditions
 Exposure to Chemicals
 Exposure to High Temperature
 Dry Sand and Gravel
 Pulp and Paper/Tacky Material

Color

Orange
 Brown
 Green
 Tan
 Navy Blue

URETHANE SELECTION GUIDE

Suffix	Color	Durometer (Shore A)	Application Conditions
None	Orange	85	Standard Martin® Urethane Extended life in abrasive conditions. Best choice for exposure to solvents or oil. Suitable for 80% or more of all applications. Suitable for temperatures from -20° to 160°F (-30° to 70°C).
BR	Brown	90	Chemical-Resistant Urethane Improved resistance/reduced absorption of water and chemicals. Best choice for applications exposed to chemicals with pH as high as 11 and as low as 4. Suitable for temperatures from -40° to 160°F (-40° to 70°C).
GR	Green	95	High-Temperature Urethane For use in temperatures from -40° to 300°F (-40° to 150°C) continuous, or to 350°F (177°C) intermittent exposure.
CL	Clear	86	Tan Urethane For use on dry products, sand and gravel. Suitable for temperatures from -20° to 160°F (-30° to 70°C).
NB	Navy Blue	90	Navy Blue Urethane For use in pulp and paper applications and sticky or tacky products. Suitable for temperatures from -20° to 160°F (-30° to 70°C).
CY	Yellow	50	Yellow Urethane with Ceramic Beads For use in high wear applications. Features 1/16 in. diameter ceramic beads bonded to the urethane in the wear area. Suitable for temperatures from -20° to 160°F (-30° to 70°C).

Consult your Martin Engineering representative for assistance in specifying urethanes to meet specialized application requirements.



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