BIGGER, STRONGER, MORE DURABLE.

Material Path

Al ASGCO® our line of pre-cleaners come with the ability to match the blade to the material path to minimize the blade wear and reduce frequent retensioning and the need for replacement. Our standard blades come Belt Width minus 6” or can be customized to fit your exact material path.

E-Z Torque® Tensioning System Provides Constant Tension!

The E-Z Torque® Tensioner allows for more degrees of rotation, which allows the blade to maintain more tension to the conveyor belt as the blade wears. ASGCO®’s E-Z Torque® tensioners for primary belt cleaners offer full blade life with the least amount of maintenance. Tension degree marks are provided to easily maintain proper cleaner blade tension as well as providing a means to check proper tension.

COMPARION TO THE COMPETITION.

Types of Primary Belt Cleaner Replacement Blades

ASGCO® offers replacement belt cleaner blades for belt cleaning systems from many other manufacturers. Color-coded urethane blades match performance to conditions. ASGCO® 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 ASGCO® primary cleaner, as well as any primary cleaner supplied by many other manufacturers. And all of our blades are backed up with our "Total Satisfaction Guarantee".

HIGH PERFORMANCE URETHANE BLADES

Skaper® Blade Options

SKEPER IV - Red Blades - Most abrasion and impact resistant, urethane available, 62” Dur. SKEPER IV - Blue Blades - General duty belt cleaner applications for standard conditions, 62” Dur.

SKEPER HT - Black Blades - Suitable for high temperature applications and exposure to intermittent temperatures up to 250°F (120°C), 62” Dur.

SKEPER HT 2” - White Blades - Suitable for ultra high temperature applications and exposure to intermittent temperatures up to 350°F (175°C), 90” Dur.

SKEPER AR - Brown Blades - Improved resistance to chemicals, acids and caustic; reduced abrasion of wear in high moisture environments, 62” Dur.

ASGCO® Urethane Outperforms Them All

ASGCO® urethane primary belt cleaner blades are manufactured onsite in our Urethane Department. ASGCO® provides one of the most reliable, longer lasting blades in the industry today. Our urethane compound blades exceed most other competitors’ blades in tensile strength and most importantly in DIN Abrasion, which is used to test the wear characteristics of urethane compounds in the industry.

Blade Angle of Attack

A flat pulley surface side of the blade ensures a sharp point of contact and material clearance. ASGCO®’s patented Skaper® Blade design maintains an effective cleaning edge throughout the life of the blade with its unique horizontal sipes/wear-grooves across the entire width of the blade cleaning edge and by the use of the arc-shaped back side of the blade to ensure a sharp cleaning edge.

Stronger Mounting Tubes

ASGCO’s primary belt cleaner’s mounting tube is equal to or in most cases exceeds the bending point of the competition.

In use with our E-Z Torque® lines of tensioner’s, our larger mounting tube can eliminate twisting, providing a tension that is distributed evenly across the cleaner blade width along with even wear on the blade, helping to reduce carry-back.

An increased Outside Diameter of the tube as well as a Schedule 80 wall thickness, provides a 125% stronger mounting tube than the competition, reducing the tendency of the tube bending over time.

SKEPER AR - Brown Blades - Improved resistance to chemicals, acids and caustic, reduced abrasion of wear in high moisture environments, 62” Dur.

*Available with a bead-embedded tip.

Blade Life = Usable Blade Area x Usable Blade Volume

More than 1 times the life of the competition!

Blade Life = Usable Blade Area x Usable Blade Volume

Biggest and Most Abrasion Resistant Blade in Class

Properties | Skaper IV | Competitor Blade
--- | --- | ---
Tensile Strength (p), psi | 4336 | 1748
Tensile Elongation @ Break, % | 788 | 934
100% Modulus, psi | 723 | 884
205% Modulus, psi | 910 | 1037
655% Modulus, psi | 1190 | 1149
Specific Gravity | 1.286 | 1.218
Hardness, A | 93 | 93
Polymer Modification | 7901 | 7901

*All testing done by ASGCO Development Labs.

*The tested the number for the blade in 2019 testing.
**BIGGER. STRONGER. MORE DURABLE.**

**Material Path**

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**E-Z Torque™ Tensioning System Provides Constant Tension!**

The E-Z Torque™ Tensioner allows for more degrees of rotation, which allows the blade to maintain more tension to the conveyor belt as the blade wears. ALASCO® E-Z Torque™ tensioners for primary belt cleaners offer full blade life with the least amount of maintenance. Tension degree marks are provided to easily maintain proper cleaner blade tension as well as providing a means to check proper tension.

**E-Z Torque™ Tensioning System**

- **Material Path**
- **Blade**
- **Best Choice**

**Blade Angle of Attack**

A flat pulley surface side of the blade ensures a sharp point of contact and material clearance. ALASCO®’s patented Skiper® Blade design maintains an effective cleaning edge throughout the life of the blade with its unique horizontal sipes/wear-grooves across the entire width of the blade cleaning edge and by the use of the arc-shaped back side of the blade to ensure a sharp cleaning edge.

**Stronger Mounting Tubes**

ASGCO®’s primary belt cleaner’s mounting tube is equal to or in most cases exceeds the bending point of the competition. In use with our E-Z Torque™ lines of tensioner’s, our larger mounting tube can eliminate twisting, providing a tension that is distributed evenly across the cleaner blade width along with even wear on the blade, helping to reduce carry-back.

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**Types of Primary Belt Cleaner Replacement Blades**

ASGCO® offers replacement belt cleaner blades for belt cleaning systems from many other manufacturers. Color-coded urethane matches performance to conditions, ASGCO® 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 ASGCO® primary cleaner, as well as any primary cleaner supplied by many other manufacturers. And all of our blades are backed up by our “Total Satisfaction Guaranteed”.

**HIGH PERFORMANCE URETHANE BLADES**

- **Skiper® Blade Options**
- **Skiper® IV - Rod Blades - Most abrasion and impact resistant urethane available, 82 Duro**
- **Skiper® IV - Blue Blades - General purpose belt cleaner applications for standard conditions, 82 Duro**
- **Skiper® IV - Grey Blades - Suitable for very abrasive applications and or high speed conveyor belts over 600 fpm, 80 Duro**
- **Skiper® IV - Black Blades - Suitable for high temperature applications and exposure to intermittent temperatures up to 350°F (177°C), 82 Duro**
- **Skiper® IV - Brown Blades - Improved resistance to chemicals, acids and caustic, reduced abrasion of water in high-moisture environments, 80 Duro**

- **More than 3 times the life of the competitor!**

**ASGCO® Urethane Outperforms Them All**

ASGCO® urethane primary belt cleaner blades are manufactured onsite in our Urethane Department. ASGCO® provides one of the most reliable, longer lasting blades in the industry today. Our urethane compound blades exceed most other competitors’ blades in tensile strength and most importantly in DIN Abrasion, which is used to test the wear characteristics of urethane compounds in the industry.

<table>
<thead>
<tr>
<th>Properties</th>
<th>Skiper® IV</th>
<th>Competitor Blade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength @ Biax, psi</td>
<td>268</td>
<td>174</td>
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<tr>
<td>Tensile Elongation @ Break, %</td>
<td>104</td>
<td>94</td>
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<tr>
<td>100% Modulus, psi</td>
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<td>200% Modulus, psi</td>
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<td>Hardness, A</td>
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<td>83</td>
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<tr>
<td>Specific Gravity</td>
<td>1,286</td>
<td>1,218</td>
</tr>
<tr>
<td>Polymer Modification</td>
<td>TDI</td>
<td>TDI</td>
</tr>
</tbody>
</table>

More than 3 times the life of the competitor!

**ASGCO® Biggest and Most Abrasion Resistant Blade in Class**

**Blade Life = Volume x Wear Resistance**

**Cleaner Type** | **Usable Blade Area (cross section)** | **Usable Blade Volume**
---|---|---
Skiper IV | 5.75 in² | 160 in³
Compellor #1 | 4.20 in² | 177.6 in³
Compellor #2 | 3.00 in² | 84 in³
Compellor #3 | 5.50 in² | 154 in³
Compellor #4 | 3.06 in² | 85.7 in³

*All testing done by Alaco Development Labs.
**The above numbers are for 2 x 2 x 2 tubing.
ASGCO® PRIMARY BELT CLEANING SYSTEMS

Skalper® Belt Cleaner
Maximum Belt Speed: 1,000ft/min (60 m/min)
Pulley Diameter: 12", 14", 16", 20" (300mm, 356mm, 406mm, 508mm)
Applications: Coal, Cement, Wood Processing, Recycling

Super-Skalper® Belt Cleaner
Maximum Belt Speed: 1,200ft/min (6.9 m/min)
Pulley Diameter: 20" (508mm)
Applications: Underground Mining, Hard Rock Mining, Metal (copper/gold) Mining, Coal, Metal Mining

Skalper MDX® Belt Cleaner
Maximum Belt Speed: 1,250ft/min (7.6 m/min)
Pulley Diameter: 20" (508mm)
Applications: Underground Mining, Hard Rock Mining, Oil Sands Mining, Metal (copper/gold) Mining, Coal, Metallic Ore, Bulk Shipping Terminals

E-Z Skalper® Belt Cleaner
Maximum Belt Speed: 1,400ft/min (89 m/min)
Pulley Diameter: 16", 20", 24", 28", 32" (406mm, 508mm, 610mm, 711mm, 813mm)
Applications: Cement, Wood Processing, Recycling, Hard Rock Mining, Steel Mills, Iron Ore, Aggregate and minerals (Phosphates, Potash, Salt), Mining

Mini-Skalper® Belt Cleaner
Maximum Belt Speed: 1,900ft/min (1.5 m/min)
Pulley Diameter: 14", 18", 24", 30" (356mm, 457mm, 508mm, 762mm)
Applications: Aggregate, Sand & Gravel, Rock-Mix and Asphalt, Cement, Wood Processing Recycling

PRIMARY BELT CLEANERS
BIGGER. STRONGER. MORE DURABLE.

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