

Precure Tire Retread

POLYMER COMPOSITE STAPLES

BENEFITS

- ✓ No staple removal required
- ✓ No staple-littered floors to clean
- ✓ No punctured envelopes from metal staples
- ✓ No cut or abrasion marks from removing
- ✓ Fewer tire re-runs
- ✓ No metal staple injuries
- ✓ Reduced labor and material costs



Tire Splice

BLACK MAGIC® composite staples temporarily secure tire splice ends together during the adhesive cure cycle. The tread adheres to the tire through vulcanization. BLACK MAGIC® staples melt and do not need to be removed. This eliminates envelope punctures, tire cut and abrasion marks and staple littered floors.



Poly Film

Utilize BLACK MAGIC® composite staples to secure the poly film to the tire. The post-cured composite staple crowns easily lift off with the poly film when it is removed.

Wick Pad

Utilize BLACK MAGIC® composite staples to secure the wick pad in between the tire envelope and the tire during the cure cycle. The post-cured composite staple crowns easily lift off with the wick pad when it is removed. Use of BLACK MAGIC® staples eliminates puncture holes and abrasions.

FEATURES

- ✓ Melts during cure cycle
- ✓ Low melting formula for low temp cure chambers
- ✓ Completely non-metal

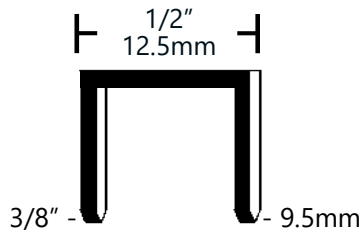


Staples & Tools



BLACK MAGIC® Road Tire Retread Staple

S/05-37TR - Standard 19Ga • 3/8"



The S/05-37TR is our most popular retread staple. It is used by many pre-cure retreaders including Bandag and Goodyear.

Packaging: 5112 staples per box • 20 boxes per case

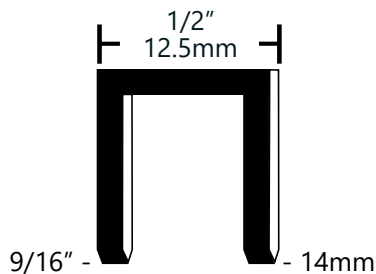
OMER 81P Series Pneumatic Stapler



OMER 81P Trigger safety
OMER 81PS Contact safety
Operating air pressure: 60-90 PSI

BLACK MAGIC® Heavy Duty Retread Staple

SH/05-55TR - Standard 16Ga • 9/16"



This heavy-duty staple is designed for heavy lug tires. The long leg length and the heavy gauge material allow it to penetrate and hold the thicker lugs of off-road tire treads.

Packaging: 4200 staples per box • 20 boxes per case

OMER 82P Series Pneumatic Stapler

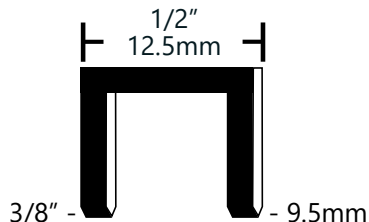


OMER 82P Trigger safety
OMER 82PS Contact safety
Operating air pressure: 60-90 PSI

BLACK MAGIC® Low Temperature Retread Staple

SH/05-37TR - Low Melt, 16Ga • 3/8"

For cure cycle temperatures below 215°



This low temperature staple is designed for retread cure processes that are below 215°F. The SH/05-37TR will melt at lower temperatures making it perfect for Oliver Rubber and other low temperature cure cycles.

Packaging: 5040 staples per box • 20 boxes per case

OMER 82P Series Pneumatic Stapler



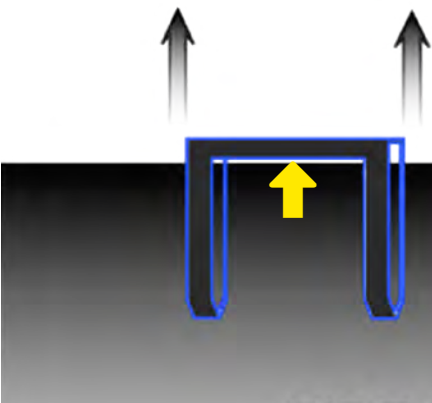
OMER 82P Trigger safety
OMER 82PS Contact safety
Operating air pressure: 60-90 PSI



Key Factors for Best Performance

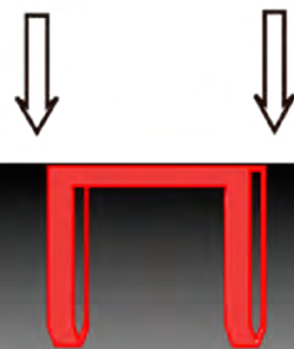
CORRECT

STAPLES MUST BE SITTING ON TOP OF THE TIRE TREAD SURFACE TO ENSURE PROPER HOLDING POWER.



INCORRECT

DO NOT DRIVE STAPLES BELOW THE SURFACE OF THE TIRE TREAD. STAPLES WILL BREAK AND CAUSE HOLDING FAILURES.



- Trim the tread so that the ends touch without a bulge or open joints.
- Trim the cushion gum tightly to the splice.
- Set air pressure to no more than 90 PSI (6 bar) at the tool.
- Center the nose of the tool directly on the splice.
- Ensure the staple legs do not hang over into the gaps.
- Hold the stapler firmly and squarely to the surface when firing.

