

**OIL & GAS EXPLORATION INDUSTRY**  
Products to Transport, Blend, and Send  
APACHE | TRICO INDUSTRIAL DIVISION

# ENGINEERING LONGER UPTIMES

**AT APACHE, WE'RE COMMITTED TO PROVIDING THE OIL & GAS EXPLORATION INDUSTRY WITH PRODUCTS THAT SIMPLY WORK.** We understand that downtime hurts your bottom line – perhaps more than any other industry.

That's why Apache carries many durable, high-performance options to meet your material handling needs for frac sand, fracking slurry and crude oil. Our U.S.-manufactured belts are the industry standard and we stand by them, offering unmatched service, no matter where you are. We carry accessories and

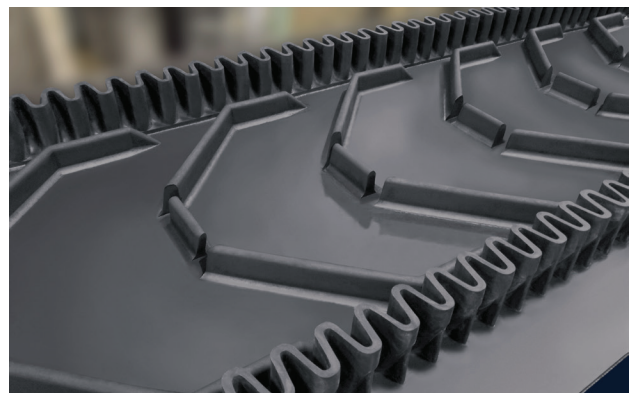
fasteners designed to keep your operation moving, maximizing uptime and profits. And we engineer high-quality hoses for suction and discharge applications.

**So when you're looking for solutions to transport, blend, or send, give Apache a call.** We welcome the opportunity to help. Whether we're providing product quotes or going on-site to identify the products and materials you need, we can find you options that are right for your application and great for your bottom line.

## HEAVY-DUTY BELTING

To transport frac sand, Apache offers many durable, high-performance belts. We manufacture and supply all OEM belt styles and can even custom-design a belt to meet your unique needs.

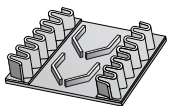
We designed and manufacture our Steep Climber™ belt pattern to prevent the slapping and spillage of sand, which occurs when using T – cleats. Our belts run at 900 fpm and move 32,000 lbs. of sand per minute without spillage.



Apache manufactures belts for all oil and gas industry applications:

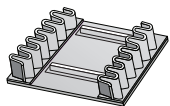
- ▶ Mountain Mover®
- ▶ Sand chiefs
- ▶ T-belts
- ▶ Rail car unloaders
- ▶ Frac sand conveyors
- ▶ Bulk sand tanks
- ▶ Frac sand pit conveyors
- ▶ Sand kings
- ▶ Frac sanders
- ▶ Multisanders (single and dual)
- ▶ Grasshoppers
- ▶ E-tanks
- ▶ Rail spur underground conveyors

## RECOMMENDED BELT STYLES



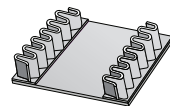
### Cross rigid belts with Steep Climber™ cleats

- ▶ 24" thru 48" wide
- ▶ 4-ply 220 cross rigid, and 2-ply or 3-ply belting
- ▶ 1-1/2" tall Steep Climber cleat on 10" centers
- ▶ 1-1/2" to 6" high corrugated sidewalls



### Cross rigid belts with T-cleats

- ▶ 24" thru 48" wide
- ▶ 4-ply 220 cross rigid, and 2-ply or 3-ply belting
- ▶ T cleats 1" to 6" tall on 12" centers
- ▶ 1-1/2" to 6" high corrugated sidewalls

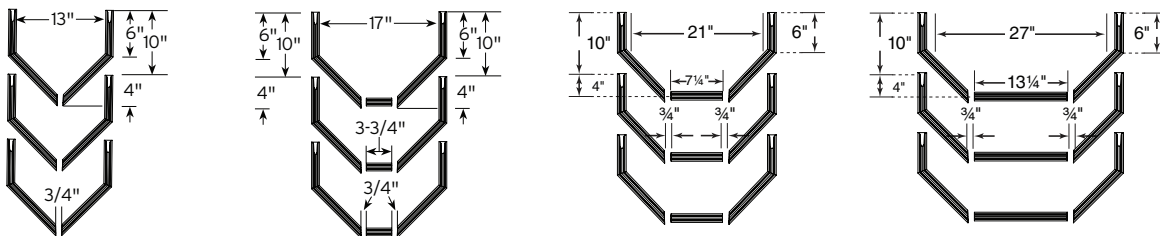


### Belts with corrugated sidewalls

- ▶ 24" thru 46" wide
- ▶ 2-ply 220
- ▶ 1-1/2" to 6" high corrugated sidewalls
- ▶ Walls can be flush to edge or recessed according to your needs

## STEEP CLIMBER CLEATS

Apache's Steep Climber hot vulcanized rubber cleats are specifically designed for the larger material and steeper incline angles used in troughing systems. This versatile and durable cleat pattern comes in widths: 13-27". Cleats are 1-1/2" high and 3/4" wide, with 10" spacing to ensure smooth running on return idlers.



## SUPER-SCREW® FASTENERS

Super-Screw® fasteners allow you to rapidly create endless belts to minimize costly downtime. Super-Screw® fasteners have the strength and dependability of a vulcanized splice and can be installed quickly and easily on any conveyor belt – even in challenging access situations.

Constructed of multi-ply rubber, the fasteners attach to the belt with special, self-tapping screws. These screws allow the carcass threads to spread without cutting completely through them. They can be fitted to belts with one, two, or three rows of screws.

Advantages of using Super-Screw® fasteners include:

- ▶ Installs in all weather conditions
- ▶ Cost-effective – no need for expensive equipment
- ▶ Requires no drilling preparation or templates
- ▶ Suitable for belts up to 400°F (200°C)
- ▶ Compatible with conveyor scrapers
- ▶ Abrasion- and cut-resistant
- ▶ High-tensile strength and elasticity
- ▶ Available on a roll or in cut lengths



Ready to install fasteners include the accessories to install yourself available in custom lengths.



Order fasteners in a roll – available in lengths up to 82 ft (25 m).

## SUPER-SCREW® GENERAL DATA

SUPER-SCREW® TYPES	35	63	65	80	85	100	105	125	127	180	200
<b>Belt Thickness</b>	5/32" 3.97 mm	5/32" to 1/2" 3.97 to 12.7 mm	5/32" to 1/2" 3.97 to 12.7 mm	5/32" to 19/32" 3.97 to 15.08 mm	5/32" to 19/32" 3.97 to 15.08 mm	5/32" to 19/32" 3.97 to 15.08 mm	5/32" to 14/32" 3.97 to 11.11 mm	9/32" to 13/16" 7.14 to 20.64 mm	9/32" to 13/16" 7.14 to 20.64 mm	9/32" to 13/16" 7.14 to 20.64 mm	9/32" to 3/4" 7.14 to 19.05 mm
<b>Max. Belt Strength (N/Mm)</b>	315	630	630	800	800	1,000	1,000	1,250	1,500	1,800	2,000
<b>Max. Belt Tension (PIW)</b>	200#	360#	360#	460#	460#	570#	570#	710#	710#	1,000#	1,150#
<b>Min. Diameter Pulley Ø</b>	6" 152.4 mm	8" 203.2 mm	8" 203.2 mm	10" 254 mm	10" 254 mm	12" 304.8 mm	12" 304.8 mm	12" 304.8 mm	12" 304.8 mm	16" 406.4 mm	20" 508 mm
<b>Top Thickness</b>	5/32" 3.97 mm	3/16" 4.76 mm	15/64" 5.95 mm	15/64" 5.95 mm	9/32" 7.14 mm	9/32" 7.14 mm	11/32" 8.73 mm	9/32" 7.14 mm	11/32" 8.73 mm	9/32" 7.14 mm	11/32" 8.73 mm
<b>Bottom Thickness</b>	5/32" 3.97 mm	11/64" 4.37 mm	11/64" 4.37 mm	7/32" 5.56 mm	7/32" 5.56 mm	7/32" 5.56 mm	7/32" 5.56 mm	15/64" 5.95 mm	15/64" 5.95 mm	15/64" 5.95 mm	15/64" 5.95 mm

# HOSE

Apache has numerous hose options available to the oil and gas exploration industry, including chemical hose, petroleum hose, specialty material handling hose, compressed air hose, and hydraulic hose. We can also customize hose assemblies with the correct fittings and accessories, such as crimp-style ferrules, frac fittings, and hammer unions.



### Oilfield Fracturing Hose

- ▶ Special tube and cover compounds resist both external and internal abrasion for a longer, more durable hose life
- ▶ A rugged, abrasion-resistant discharge hose
- ▶ Max working pressure 400 PSI



### Crude Oil Transfer

- ▶ Designed for rugged oilfield service where full suction and working pressures are required
- ▶ Compatible for crude oil transfer (not for refined fuels)
- ▶ Max working pressure 150 PSI

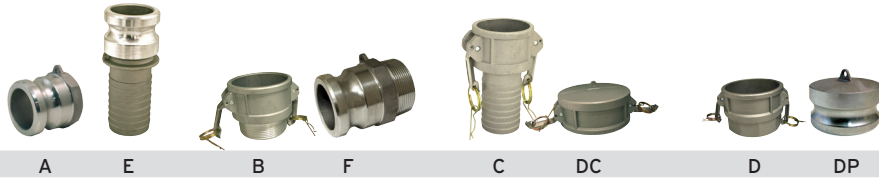


### Suction/Discharge Hose

- ▶ Heavy-duty suction and discharge hose for use in a variety of industries, such as rental pumping equipment and fracking slurry
- ▶ For applications where the hose needs to slide easily or visual confirmation of material flow is

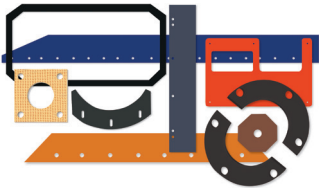
### Accessories

Cam & groove couplings  
Style



# CUT & MOLDED PRODUCTS

Apache provides a variety of gasket/sealing products used in the oil and gas exploration industry. Materials are available in sheets or rolls and can be custom fabricated to your print specifications. Typical applications include:



- ▶ Gaskets
- ▶ Flap Covers
- ▶ Packing
- ▶ Friction Pads
- ▶ Shaft Seals
- ▶ Vibration Dampening

BELT / HOSE / CUT & MOLDED PRODUCTS / ACCESSORIES

**CORPORATE OFFICE** 4805 Bowling Street SW / Cedar Rapids, IA 52404

**INDUSTRIAL SALES** 800.553.5455

**CONSUMER PRODUCTS** 800.459.8423

**FAX** 319.365.2522

**WEBSITE** [www.apache-inc.com](http://www.apache-inc.com)



REV050115 AP19 99002971

The most current revision of this information can be found on our website at [www.apache-inc.com](http://www.apache-inc.com) and supercedes all other versions. Please check the revision date information of any printed materials to ensure the most current information is being referenced.

Mountain Mover® is a registered trademark of Halliburton Energy Services, Inc.  
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