

**Heavy Duty**

# **FRACWALL BELTS**

**From The Beltwall Division Of Beltservice Corporation**



**Quality OEM and replacement conveyor  
belts for frac sand equipment**



A DIVISION OF BELTSERVICE CORPORATION

# FRACWALL BELTING

**The growth of the frac sand industry has resulted in numerous OEMs entering the market to provide frac sand delivery vehicles. Each has a slightly different approach but most involve the use of sidewall belts.**

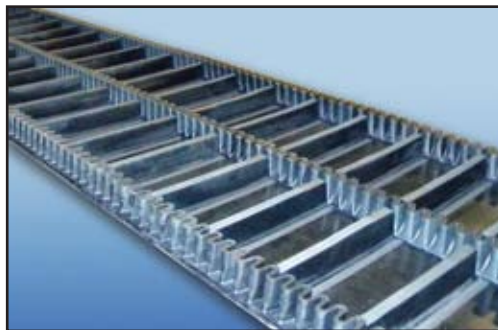
## MAJOR FEATURES:

- Heavy duty, abrasion resistant rubber base belts available in cross-rigid and non-cross rigid multi-ply construction. The lateral rigidity of the cross rigid belts allows for the ability to negotiate upturn and downturn transition bends on the conveyor.
- The corrugated sidewalls are constructed of fiber-loaded compounds (exclusive to Beltwall) to mitigate the propagation of cuts and tears.
- The sidewalls are available in a variety of heights and are attached to the base belt via cold or hot bond.
- Cleats and profiles are hot vulcanized onto the base belt to ensure the highest adhesion levels possible.
- With over 300 belt specifications stocked, a wide variety of base belts are available. The most common are Heavy Duty 2-ply 220PIW 3/16 x 1/16 and Cross Rigid 4-ply 220PIW 3/16 x 1/16.
- A variety of end preparations are available to facilitate easy installation at the jobsite.

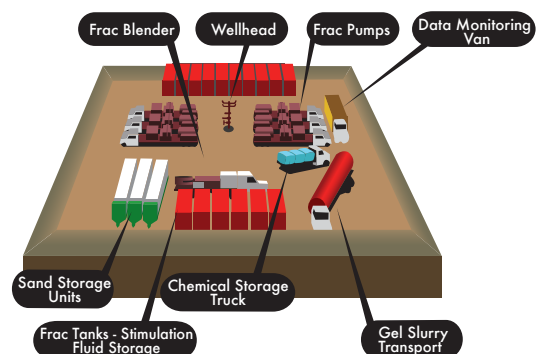
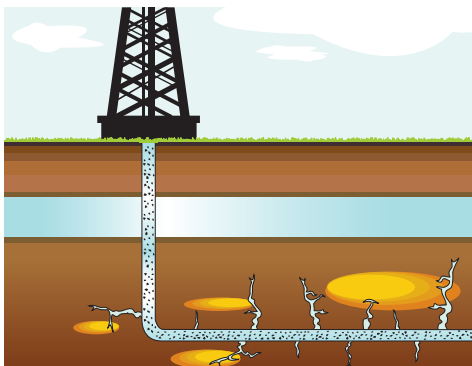
## CUSTOM FABRICATION:

- For new applications, contact the Beltwall Division of Beltservice. Let us put our years of experience to work in deriving the best, most cost competitive design.
- For existing applications where the current belt design does not meet the operational requirements, we can provide alternative suggestions.

### Custom Designed - Multi-Pocket Belt



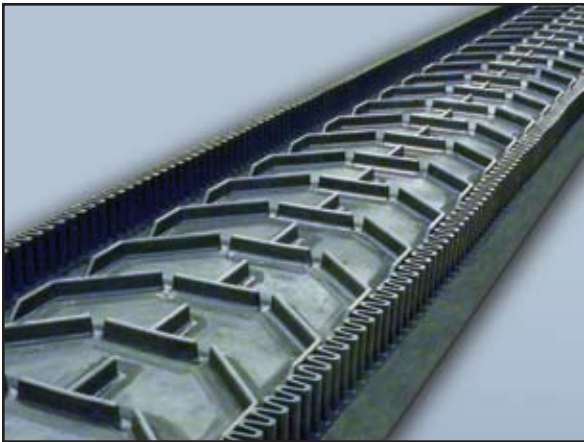
Sand fracking is accomplished by pumping highly pressurized fracking slurry from the wellbore into a reservoir rock formation deep below the earth's surface. The energy from the injection creates new channels or fractures in the rock. The sand particulates prevent the fractures from closing when the injection is stopped, thus facilitating recovery of the natural gas or oil.



# FRACWALL BELTING

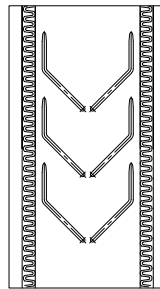
## HD Steepclimb Belt

The HD Steepclimb Belt is a popular profile used on a variety of frac sand trailers. With its 1.5 inch tall pattern, frac sand can be successfully conveyed up inclines. This profile has also been used to replace traditional cleated belts where impact with the sand at high speeds in the loading area causes excessive spillage. The profile is available in three widths and a specially compounded rubber is used to provide excellent flexing properties and use with minimum pulley diameters. The belt is typically provided with 3 inch and 4 inch tall sidewalls. With the sidewalls recessed and using a cross rigid base belt, the belt can be transitioned thru upturn and downturn bends.

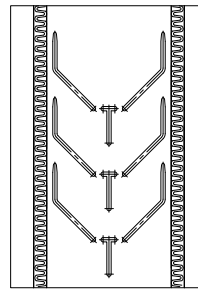


**The pattern is on 10 inch centers with the following out-to-out (center to center) widths available:**

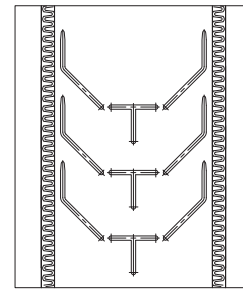
- 14.75" (13.25" c-c)
- 18.00" (16.50" c-c)
- 23.00" (21.50" c-c)



14<sup>3</sup>/<sub>4</sub>" Pattern



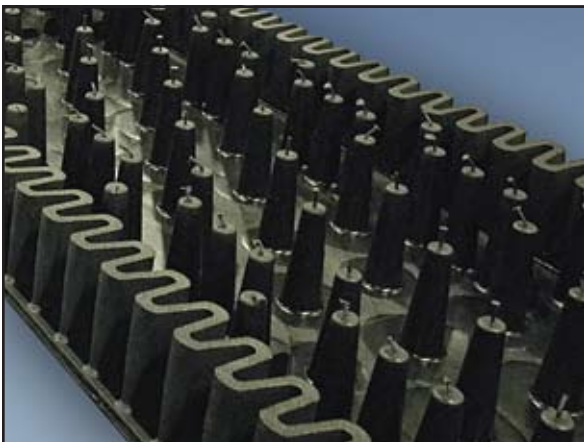
18" Pattern



23" Pattern

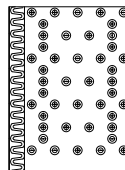
## Nub Mold

The HD Nub Belt is used where in-mass movement of "free flowing" material is required. Found on numerous OEM trailers, the profile is often hot vulcanized to 2ply 220PIW 3/16 x 1/16 base belts. The 3 inch tall nubs, compounded of high abrasion resistant rubber, are on alternating centers. The sidewalls are 3 inch tall and hot bonded on the belt edge.

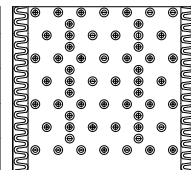


**The pattern is on alternating 1.5 and 3.0 inch centers. Typical belt widths are:**

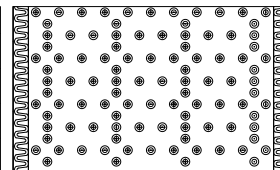
- 24"
- 30"
- 36"



24" Pattern



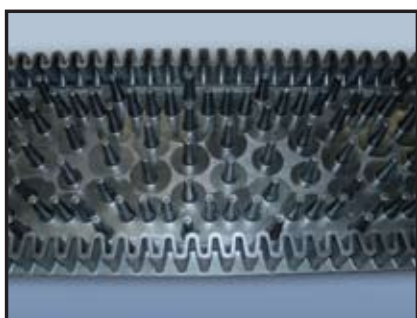
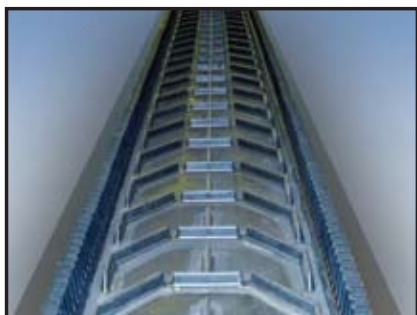
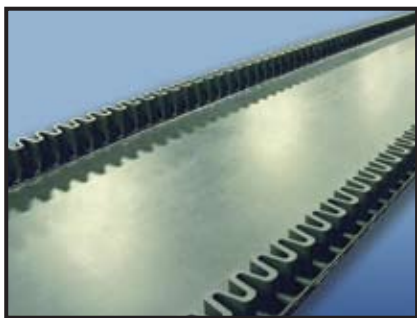
30" Pattern



36" Pattern



# The most common replacement belts are readily available from Beltservice:



## A. Sidewall Only

- Belt: 2-ply 220PIW Black Standard, 3/16" x 1/16"
- Widths: 24", 30", and 36"
- Sidewall: 2-1/2" or 3" tall and flush to belt edge
- Min. pulley diameter 10"
- Stocked: 24" wide with 2-1/2" wall

## B. HD Steepclimb

- Belt: 4-ply 220PIW Black Standard cross rigid, 3/16" x 1/16"
- Widths: 24", 30", and 36"
- Sidewall: 3" or 4" tall and recessed from belt edge
- Min. pulley diameter 12"
- Stocked: 24", 30", and 36" wide with 3" wall recessed (call for dimensions)

## C. I-Cleat

- Belt: 4-ply 220PIW Black Standard cross rigid, 3/16" x 1/16"
- Widths: 24", 30", and 36"
- Sidewall: 3" or 4" tall and recessed from belt edge
- Min. pulley diameter: 10"

## D. HD Nub Belt

- Belt: 2-ply 220PIW Black Standard, 3/16" x 1/16"
- Widths: 24", 30", and 36"
- Sidewall: 3" tall and hot bonded to belt edge
- Min. pulley diameter 10"
- Stocked: 24", 30", and 36" wide with 3" wall flush to belt edge



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