



Flatproofed Tire Specification Questionnaire

1. Vehicle

Manufacturer _____
Model _____
Type _____

2. Operating Environment

Speed _____
Load _____
Length of Haul _____
Temperature Range _____
Service _____ *Intermittent*
_____ *Continuous*

3. Tire

Brand _____
Size _____
Type _____ *Bias* _____ *Radial*
Rating _____ *PlyStar*
Tread Design _____
Air Pressure _____ (*psi/bar/atm*)

4. Description of Current Tire Problems/ Need for Flatproofing

Elimination of:

____ Punctures
____ Sidewall cuts
____ Downtime
____ Tire repair costs
____ Safety considerations
____ Heat related failures
____ Extended tire life (full value of tread)

5. Deflection/Ride Properties Designed

____ Air-like ride
____ Medium deflection
____ Minimum deflection (hard)

6. Recommended TyrFil Product

7. Estimated Quantity Required

_____ (*lbs/kgs*)

8. Calculation of Estimated Cost

Our Unconditional Guarantee to You

The tires specified on this form will be:

- Filled with TyrFil Flatproofing using approved/processing methods.
- Wheels and tires will be inspected prior to flatproofing for defects and contamination.
- All tires will be mounted and prestretched overnight to minimize carcass growth in service.
- All of the air in the tires will be replaced with a resilient elastomer core and will be pressurized to the machine manufacturer's specification (per application).
- Quality control samples will be made and retained to ensure the polymer and processing properties are within specification.
- The wheel of each flatproofed tire will be labeled as TyrFil Inside – No Flats, Smoother Ride.

You will realize immediate cost savings by the elimination of downtime, tire repair costs, and premature tire failure.

And your tires will never go flat!

Cost Savings Analysis



Fork Lift
8.25 x 15



Loader
20.5 x 25



Telehandler
1300x24

A. Flat Repair Cost – This includes road service charges, demounting, puncture repair, remounting, and any other charges associated with flat tire repairs.	A. _____	\$100.50	\$185.00	\$250.00
B. Downtime Per Flat – average in hours.	B. _____	3	3	3
C. Number of Workers Idled – This includes the equipment operator and all other workers idled due to the downed equipment.	C. _____	2	2	2
D. Hourly Pay Rate – include the cost of fringe benefits.	D. _____	\$25.00	\$30.00	\$30.00
E. Production Rate – in dollars per hour.	E. _____	\$175.00	\$125.00	\$100.00
F. Total Flats for Tire Life – an average from past records if possible.	F. _____	3	5	5

COMPUTING COSTS

1. Repair Costs = (AxF)	1. _____	\$301.50	\$925.00	\$1250.00
2. Cost of idle labor = (BxCxDxF)	2. _____	\$450.00	\$900.00	\$900.00
3. Cost of lost production = (BxExF)	3. _____	\$1575.00	\$1875.00	\$1500.00
4. Total costs for flats = (1+2+3)	4. _____	\$2326.50	\$3700.00	\$3650.00
5. Projected cost to flatproof	5. _____	\$235.20 (V*)	\$1337.50 (R*)	\$ 625.00 (R*)
6. Savings with flatproofing (4-5)	6. _____	\$2091.30	\$2362.50	\$3025.00

No matter what your application, flatproofing your tires means the end to expensive tire-related costs, premature tire failure, and downtime. Flatproof just one piece of equipment today and we guarantee you will realize savings almost immediately.

V* - Virgin Fill R* - Recycled Fill

Certified TyrFil Dealer:

We keep the world rolling.

No flats, smoother ride, more protection.

Carlisle TyrFil

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