



## 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

<b>A. Flat Repair Cost</b> – 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>B. Downtime Per Flat</b> – average in hours.	B. _____	3	3	3
<b>C. Number of Workers Idled</b> – This includes the equipment operator and all other workers idled due to the downed equipment.	C. _____	2	2	2
<b>D. Hourly Pay Rate</b> – include the cost of fringe benefits.	D. _____	\$25.00	\$30.00	\$30.00
<b>E. Production Rate</b> – in dollars per hour.	E. _____	\$175.00	\$125.00	\$100.00
<b>F. Total Flats for Tire Life</b> – an average from past records if possible.	F. _____	3	5	5

### COMPUTING COSTS

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