

Optimize your ride with MBL FlexelLite infill solutions

We have for years been devoted to develop premium solid tyres for power chairs. Our goal is to develop solutions that have a low rolling resistance and at the same time is comfortable for the user to drive.

A power chair can weigh up to 400 kg. and we know that it is crucial that the tyres can quickly rebound fast to it's original shape because the main reason for a high rolling resistance is the loss of energy that is caused by the constant deformation of the tyres. So the PU infill plays an important role.

There are several advantages in using infills instead of pneumatic tubes on power wheelchairs

- 100% puncture proof
- Very low maintenance
- Increases life of the rubber tyre
- Better stability of the wheelchair
- Very good choice for bariatric wheelchair

Please talk to our sales department to find the right solution that fits your rims, the type of power chair – and most importantly the users need

We can help you make the tyre with Infill that is tailored to fit your rim type and rim dimensions. Furthermore we can assist you in finding the right mixture and combination of FlexelLite. For customized solutions a minimum order quantity is required.



FlexelLite options – for customized solutions



FlexelLite DR – for advance comfort

The FlexelLite DR (Dual Recipe) is our newest recipe and a combination that combines advantages from two materials in one single product. The harder compound is placed near the rim and the softer on the outside. If you are looking for comfort, this is your best choice! The hard material does not budge and provides a safe ride, while the soft material provides a smooth and comfortable ride. The harder material further more disperses the vibration from impacts while the softer material absorbs it.



FlexelLite NFS – for a low rolling resistance

The FlexelLite NFS (No Flat Spot) infill is our best option if you are looking for a solution with a very low rolling resistance. The infill quickly bounces back to it's original shape.



FlexelLite S – standard

The classic way to make an insert is using just one material. Standard – but good – performance and economical!

Tyres with FlexelLite S infill for power wheelchairs

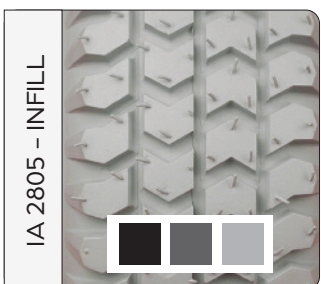
- » Infills are inserted into a tyre and is a one-piece product
- » Polyurethane based
- » Shock absorbing
- » Low rolling resistance
- » Low weight
- » Waterbased and therefore environmentally friendly



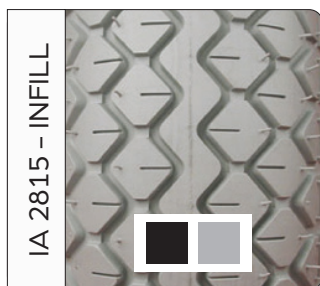
Tyre size	FLEXEL®LITE width (mm)	Internal rim width (mm)	Weight (g)	Part no. grey tyre	Part no. dark grey tyre	Part no. black tyre
2.50 - 3	42	35-40	1070	130300	-	130302N
3.00 - 4	58	50-55	1870	130411	-	130411B



Tyre size	FLEXEL®LITE width (mm)	Internal rim width (mm)	Weight (g)	Part no. grey tyre	Part no. dark grey tyre
2.80/2.50 - 4	58	50-55	1200	-	130406
3.00-8	53	44-48	2600	13080A	13080A-1



Tyre size	FLEXEL®LITE width (mm)	Internal rim width (mm)	Weight (g)	Part no. grey tyre	Part no. dark grey tyre	Part no. black tyre
2.80/2.50 - 4	58	50-55	1200	-	130423	130405
3.00 - 4	58	50-55	1870	130413	-	130413B
3.00-8	36	30-35	2490	130807	-	130807B
3.00-8	48	40-45	2540	130806	-	130806B
3.00-8	53	45-50	2600	130882	-	130882B



Tyre size	FLEXEL®LITE width (mm)	Internal rim width (mm)	Weight (g)	Part no. grey tyre	Part no. black tyre
4.00-5	62	53-57	3100	13050B	13050BB
4.00-5	68	60-64	2200	130504	130504B



Tyre size	FLEXEL®LITE width (mm)	Internal rim width (mm)	Weight (g)	Part no. grey tyre	Part no. black tyre
2.80/2.50 - 4	58	50-55	1200	130422	-
3.00 - 4	58	50-55	1870	130403	-
2.5-8	40	33-38	2200	13080B	-

Many of our tyres are available in non marking black. Please contact sales for further information.

