



A Material Difference

**Fast Growing With
Strong Margins**

E-Mobility & Sustainable Developments for Automotive Industry

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Global Trends Transforming The Automotive Industry



Electrified
Electric drive



Autonomous
Driving assistance & autonomous driving



Connected
Communication between cars or with
traffic management infrastructure



Low emission materials
Innovating to zero and circular economy



A Material Difference



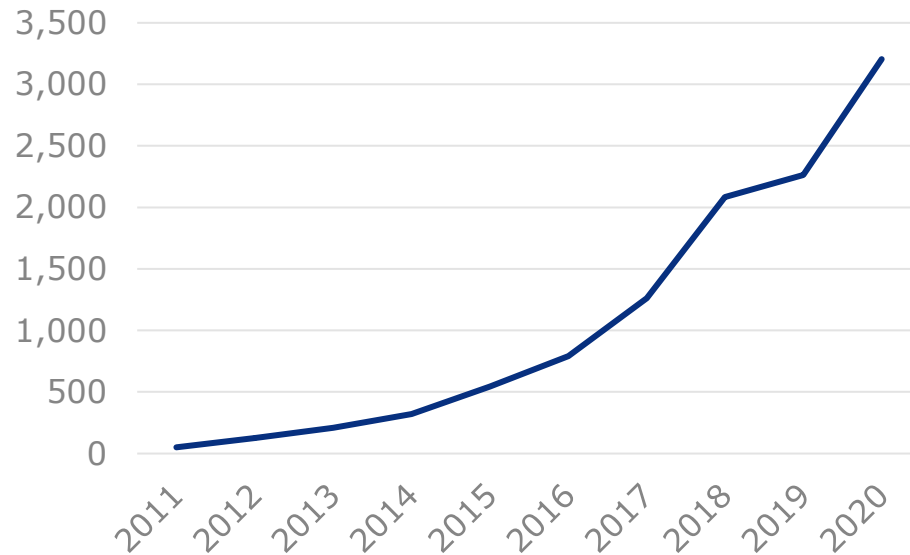
E-Mobility

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Gearing Up For Growth

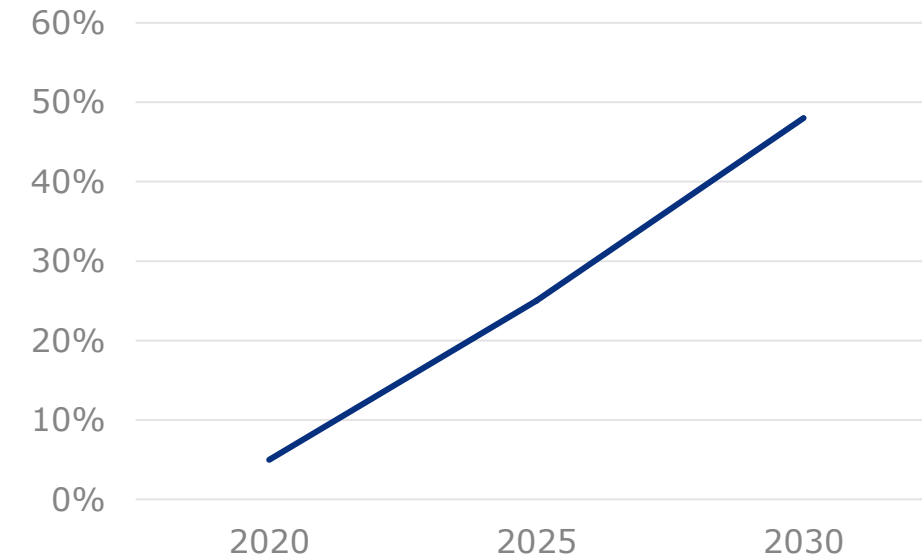
Strong Growth In Electrical Vehicles Continues

Global E-Vehicle Sales ('000s)



Source: Electric Vehicle World Sales Database @ 2020

E-Vehicle Share Of New Passenger Car Sales



Source: Canalys @ Feb 2021

E-Mobility, Many Opportunities For HEXPOL

HEXPOL's Main Applications Benefitting From E-Mobility (Hybrid & Fully Electric)		Plug-in Hybrid	Fully Electric
	 Weatherstrip	 • Sealing passenger cabin unaffected • Increase demand for noise cancellation • Lightweight developments for weight reduction and range extension	
	 Suspension & Dampening	 • Different load distribution (engine plus battery) • More air spring systems • Different requirements	
	 Hose	 • Higher temperature requirements • Need for High Performance elastomers	 • Only cooling hoses and AC (no Turbo, no fuel pipe) • Cooling might not need flexible hoses
	 Tire	 • Tires remain but need weight reduction	 • Different design • Different material requirements
	 Belt	 • Transmission of auxiliaries via ICE	 • E-drives won't need timing belts • Water & AC Systems might be in line with E-drive
	 Wire & Cable	 • More sensors – more cable • Charging cables • Different voltage • Charging cables for Power Charger	

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HEXPOL is well-positioned within weight reduction

Light, Smooth, Stiff And Insulating

The HEXLIGHT® range is designed with low density and electrical insulation in mind

HEXLIGHT offers benefits to the automotive industry, for profiles, weather stripping, vibration and noise reduction. Thanks to its light weight it contributes to overall weight savings – a vital element in the design of all mobility and transport solutions.

Improve customer applications:

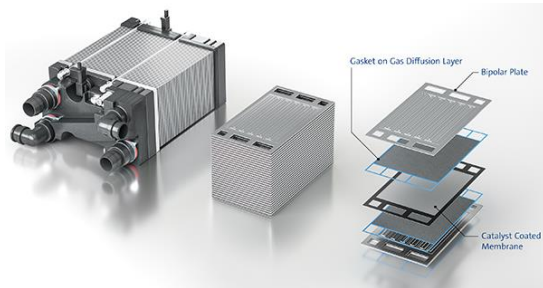
- Lightweight
- Low emissions
- None conductive



Potential New Applications



- Sealing for battery housing
- Dampening mats for battery cells
- Cooling systems for battery pack



- Sealing for F-Cell housing
- Layer sealing



- Cable and connectors for supercharger
- Infrastructure cabling for charging stations





A Material Difference

Additional Sustainable Developments for Automotive Industry

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PVC Replacement

High Flow TPE for instrument panels and trim applications

Development project based on customer demand

- Replacement of costly processing methods and non-recyclable materials: PVC slush molding, PU coatings and foil processes
- Higher sustainability due to recyclability and lower density
- Highly innovative enabler for industry changer



INTERIOR SOFT TRIM APPLICATIONS

Accelerated Growth With E-Mobility

HEXPOL & E-mobility conclusions

- Major growth in electric vehicles is expected
- HEXPOL is well-positioned in established and new applications
- Our long application experience and close relationships enables us to be ahead as the segment continues to transform





Thank You

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investors.HEXPOL.com