



**RAILWAY  
MARKET**



**HUMAN  
ADDED  
VALUE**

**M O B I L I T Y   &   I N D U S T R Y**

MATERIALS  
CONVERTING  
SERVICE

**& ADDEV**  
MATERIALS



# ADDEV MATERIALS

## "CONVERTING INDUSTRIAL CHALLENGES INTO SUSTAINABLE MATERIAL SOLUTIONS"

### ► OUR MISSION



### ► OUR STRATEGIC ACTIVITIES

CHEMICALS & CONSUMABLES  
AEROSPACE & DEFENSE



ENGINEERED ADHESIVE SOLUTIONS  
HEALTHCARE & WELLNESS



ADHESIVES & TAPES  
MOBILITY & INDUSTRY



FILMS & FIBERS  
POWER & ELECTRONICS



### ► OUR BUSINESS EXPERTISE

## ADDEd Value on MATERIALS

#### DISTRIBUTION

- EXPERT  
DISTRIBUTION

#### CONVERTING

- CUSTOM PACKAGING OF CHEMICALS & CONSUMABLES
- CONVERTING OF ADHESIVES & TAPES
- CONVERTING OF TECHNICAL FILMS, FIBERS & ELECTRICAL INSULATIVES

#### MANUFACTURING

- SPECIALTY  
MANUFACTURING

### ► OUR PRODUCT RANGE

CHEMICALS & CONSUMABLES

Surface Treatments  
Adhesives & Sealants  
Paints & Coatings  
Solvents & Cleaners  
Oils & Lubricants

ENGINEERED ADHESIVE SOLUTIONS

Medical Grade Tapes  
Technical Films  
Nonwoven  
Foams & Venting

ADHESIVES & TAPES

Adhesives  
Sealants  
Tapes  
Foams  
Protective Films

FILMS & FIBERS

Technical Films  
Laminates  
Papers & Fibers  
Nonwoven  
Tubes & Sleeves

### ► YOUR BENEFITS



COST  
OPTIMIZATION



INCREASED  
PRODUCTIVITY



WASTE  
REDUCTION



BETTER  
COMPETITIVENESS



SUSTAINABLE  
GROWTH

# MOBILITY & INDUSTRIES

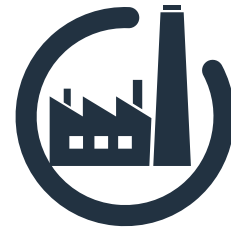
ADDEV Materials is specialized in the converting and distribution of high-performance materials for Mobility markets (Automotive, Railway) as well as Industries markets.



RAILWAY



AUTOMOTIVE



INDUSTRIES



## FOCUS ON RAILWAY MARKET

ADDEV Materials offers solutions that meet the requirements of EN 45545 standards for all kinds of rolling stock and their entire environment: **external structure, engine part, cabin interior and outdoor infrastructures & signages.**



CARBODY



CABIN INTERIOR  
& FLOORING



SIGNALING



GLOBAL  
MAINTENANCE



INFRASTRUCTURE

# OUR TECHNICAL EXPERTISE

We are experts in high performance materials dedicated to the railway market.

Our technical know-how in the rail market, combined with our wide range of dedicated materials and converting capabilities, allows us to provide technical solutions for a large range of applications:



MATERIALS		ELECTRICAL INSULATION	SURFACE TREATMENTS & PROTECTION	ASSEMBLING	SEALING	MECHANICAL FASTENING	THERMAL MANAGEMENT	VIBRATION FRICTION & NOISE MANAGEMENT
FLEXIBLE MATERIALS	<b>Technical films, laminates &amp; papers</b> <i>Nomex®/Nomex® store, Presspahn ladders &amp; stores, Meta aramid non-woven, Kapton®, Nokamex, Formex®, Tedlar®, PET, Kraft</i>	●	●				●	
	<b>Adhesive tapes</b> <i>Assembly tapes, Masking tapes, Electrical insulation tapes, Grip tapes, EMI shielding tapes</i>	●	●	●	●			●
	<b>Foams</b> <i>PU, PE, PET, PVC NBR, EPDM, Silicone, Neoprene</i>				●		●	●
RIGID MATERIALS	<b>Tubes &amp; Sleeves</b> <i>Electromagnetic shielding, Electrical insulation, Mechanical protection, Self-extinguishing</i>	●		●			●	●
	<b>Composites</b> <i>Thermosets, Silicone glass, Polyimide glass, Polyester glass mat ; Thermoplastics</i>	●	●			●	●	
LIQUID MATERIALS	<b>Resins &amp; Varnishes</b> <i>Mono-component sealant (Polyurethane, Silicone, MS Polymer, Butyl) ; Electrical resin (Epoxy)</i>	●			●		●	●
	<b>Adhesives &amp; Sealants</b> <i>Mono-component (anaerobic, cyanoacrylate, hotmelt, epoxy) ; Bi-components adhesives (Epoxy, acrylic, silicone)</i>			●	●		●	

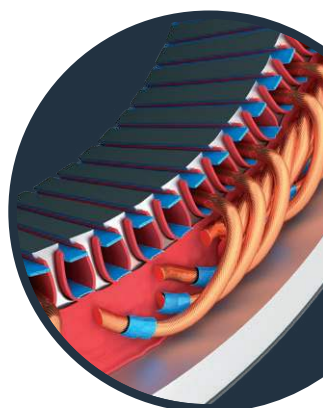




## THERMAL MANAGEMENT

- ▶ On board electronics
- ▶ Electric systems
- ▶ HVAC systems
- ▶ Walls

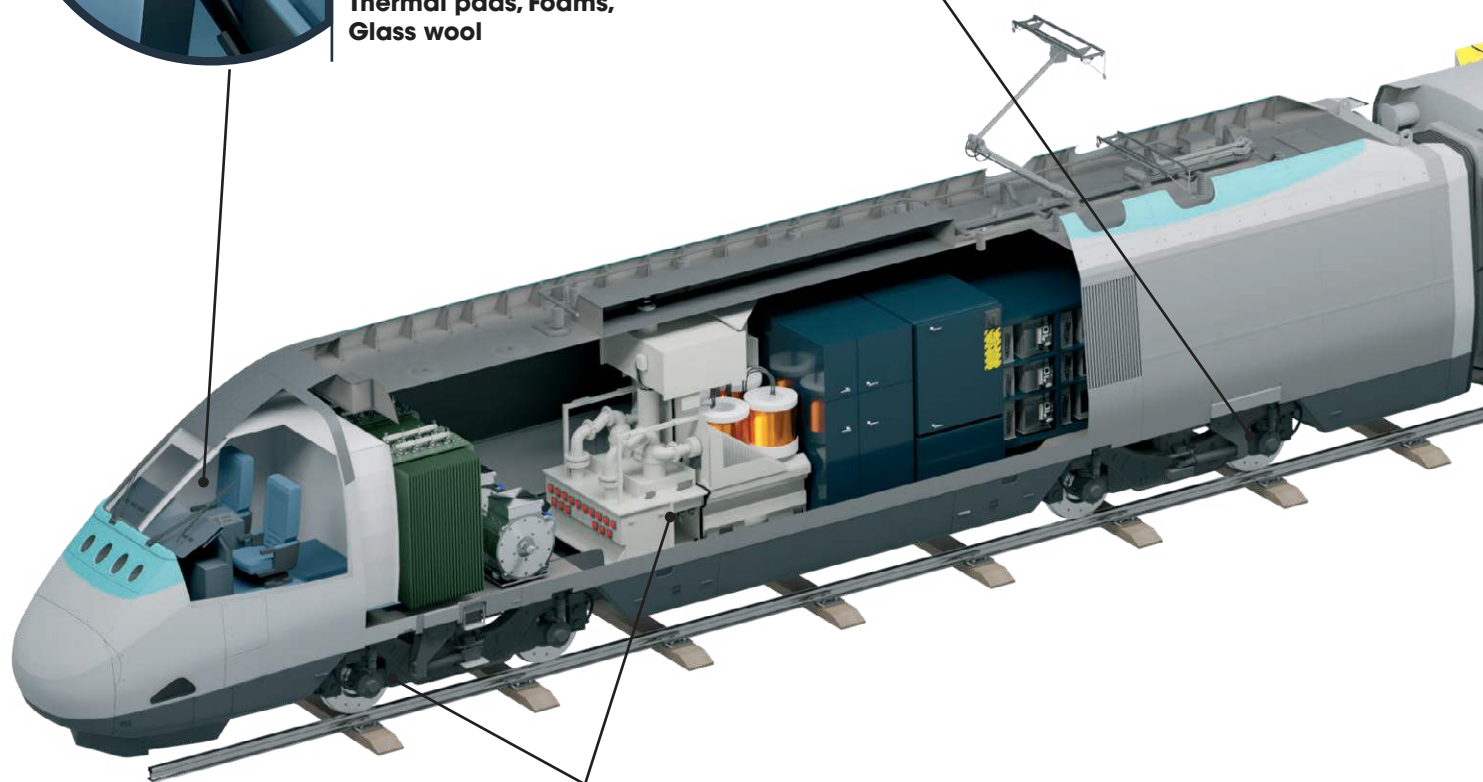
**Solutions: Adhesives, Thermal pads, Foams, Glass wool**



## ELECTRICAL INSULATION

- ▶ On board electronics
- ▶ Transformers
- ▶ Converters
- ▶ Traction motors
- ▶ Electric systems

**Solutions: Films, Adhesive tapes, Foams, Composites, Sleeves, Resins**



## SURFACE TREATMENTS & PROTECTION

- ▶ Exterior surface treatments
- ▶ Finishing car body wrapping
- ▶ Bogies
- ▶ Cables wrapping
- ▶ Windows glasses
- ▶ Traction motors
- ▶ HVAC systems
- ▶ Armrests, tables, windows, grab bars, restrooms

**Solutions: Films, Adhesive tapes, Composites, Sleeves, Resins, Paints & Coatings**



## SEALING

- ▶ HVAC systems
- ▶ Cabin interiors
- ▶ Headlights

**Solutions: Adhesive tapes, Foams, Adhesives, Sealants**



## MARKING

- ▶ Digital & non digital display signages
- ▶ Safety labels
- ▶ Floor markings

**Solutions: Adhesive tapes**

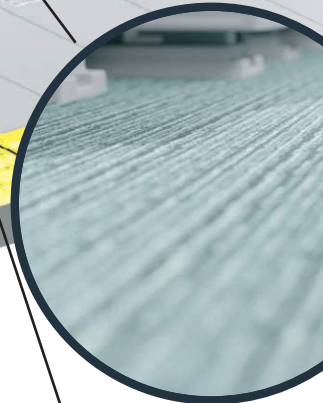


## FLOORING

Adhesive bonding of:

- ▶ Carpets
- ▶ Linoleums
- ▶ Safety walks

**Solutions: Adhesive tapes, Adhesives**



## ASSEMBLING

**Cabin furnitures bonding & strengthening:**

- ▶ Door sealings
- ▶ Seats
- ▶ Tables
- ▶ Mirrors
- ▶ Door handles
- ▶ Lightings
- ▶ Signages

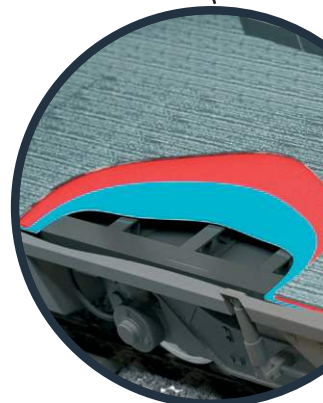
**Solutions: Adhesive tapes, Foams, Adhesives**



## VIBRATION, FRICTION & NOISE MANAGEMENT

- ▶ Traction motors
- ▶ HVAC systems
- ▶ Walls, floors, roofs, doors, ceilings, metal panels

**Solutions: Adhesive tapes, Dual lock, VHB®, Foams, Resins**



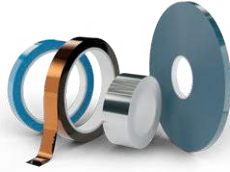
# WIDE RANGE OF HIGH PERFORMANCE MATERIALS

As a key partner of world-renowned manufacturers, our product range will meet your requirements as we offer a complete line of flexible, rigid, and liquid materials.

## FLEXIBLE MATERIALS



FILMS, LAMINATES & PAPERS



ADHESIVE TAPES



FOAMS

## RIGID MATERIALS



COMPOSITES



TUBES & SLEEVES

## LIQUID MATERIALS



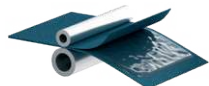
RESINS & VARNISHES



ADHESIVES & SEALANTS

# CONVERTING CAPABILITIES

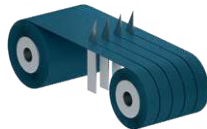
Our large industrial capabilities allow us to convert the above materials according to your needs, in order to provide you with the best solution.



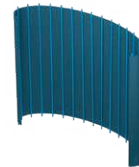
LAMINATING



ON-ROLL SLITTING



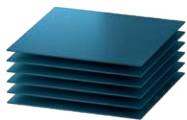
SLITTING



ULTRASONIC WELDING



UNWINDING & REWINDING



SHEETING



DIE CUTTING



PRINTING



MACHINING



CUSTOM PACKAGING OF CHEMICALS

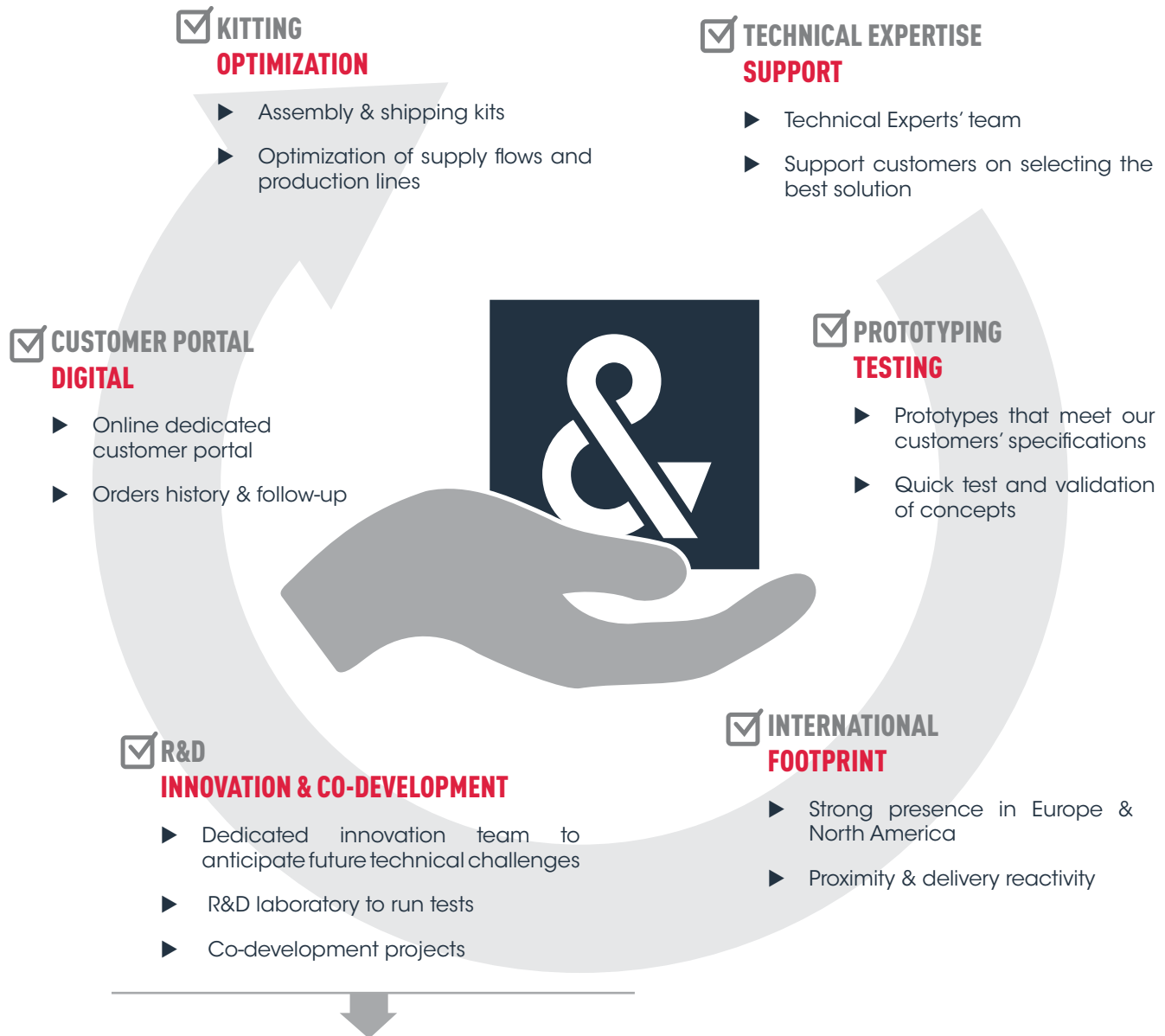
# CERTIFICATIONS





# ADDED VALUE SERVICES

We have developed a range of value-added services to better meet the needs of railway market players across the value chain, from product development to supply chain optimization.



## R&D AND TECHNICAL PROJECTS SUPPORT

### 1 - FEASIBILITY

- ▶ Technical feasibility study
- ▶ Budget outlines
- ▶ Timeline

### 2 - STUDY & DEVELOPMENT

- ▶ Technical specification
- ▶ Prototype design
- ▶ Optimal converting process selection

### 3 - PRE-INDUSTRIALIZATION

- ▶ Industrial samples
- ▶ Converting process optimization

### 4 - PRODUCTION

- ▶ Documents validation
- ▶ Production support

# PARTNERS NETWORK



## INTERNATIONAL PRESENCE



[www.addevmaterials.com](http://www.addevmaterials.com)

## ADDEV Materials centers of excellence

International presence ensuring performance & local services

- ▶ Technical films & laminates converting
- ▶ Tapes & foams converting
- ▶ Non-woven converting
- ▶ Custom packaging of chemicals

