

COMPONENTS

Organic brake pads

FOR METRO, COMMUTER AND REGIONAL TRAINS



Alstom offers a wide range of brake pads according to different market standards. These products have been used in metro, coaches or high duty applications such as EMU & DMU for more than 50 years worldwide.

Key references

France

- SNCF NAT
- RATP MP89-05
- RATP MF88
- RATP MF67

Austria

- OBB E-Talent 1

Vietnam

- Hanoi metro

Sweden

- Coradia X61

Australia

- Perth Metronet

GENERAL DESCRIPTION

Alstom friction materials are fitted to a wide range of railway applications and are homologated by the main market players.

To serve the railway market in line with its evolution, Alstom channels its technical expertise towards friction pair concept to develop products which not only offer competitive lifecycle cost but also are environmentally friendly.

CUSTOMER BENEFITS

Unique product designs

Our brake pads surfaces are designed as customer's wishes to offer an optimal heat distribution.

Optimal customer experience

We optimise product damping characteristics to prevent braking noise and reduce particle emissions. This leads to an improved passenger comfort.

Outstanding lifecycle cost

Alstom works hand in hand with customers to provide the best life cycle cost. Our formulations are designed with less abrasives which leads to longer disc life.

Compliant with main standards


Our products are developed according to main market standards such as UIC and AAR and in line with most important regulations.


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PRODUCT SPECIFICATIONS

Alstom offers a range of brake pads dedicated to a wide variety of applications.

Material	Max. load per disc	Max. speed (km/h)	Maximum temperature	Friction level as reference	Modulus (MPa)	Max. specific pressure (N/cm ²)	Operational capabilities	UIC Category	Applications
F728	12 t	140	600	0,40	350	120	High duty intercity & regional traffic	---	Alstom Perth Metronet
F726-1	10 t	160	600	0,40	450	120	High duty intercity & regional traffic	---	Alstom Coradia Nordic X61
F725	10 t	140	600	0,37	500	120	High duty intercity & regional traffic	B1	OBB E-Talent, SNCF NAT
F718	9 t	200	500	0,37	350	120	Intercity & regional traffic	---	Coaches with high thermal solicitation
F707	9 t	200	450	0,35	350	120	Passenger coaches and metro	4.2	VALE passenger coaches, Metro Hanoi
F730	9 t	200	450	0,35	100	80	Intercity & regional traffic	---	Bombardier Turbostar & Electrostar type fleet
F732	9 t	200	500	0,37	120	80	Intercity & regional traffic	---	Alstom Vlocity fleet
F666	7,5 t	200	450	0,35	450	120	Intercity & regional traffic	4.2	UIC coaches & metro
F690	8 t	120	450	0,35	550	80	Metro	---	RATP Metro MP89-05 / MF88 / MF67

 Preliminary UIC homologation

 UIC approved



Vlocity, Victoria

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