



Flertex Railway Portfolio

11/2017



Flertex Composite Disc Brake Pads



Material	Load per disc	Maximum Speed (kph)	Maximum Temperature (°C)	Friction level as reference	Operational capabilities	UIC Category	Comments
725	4 to 7 t	300	350	0.34	High speed traffic	1.1	Stable friction level with good wet behaviour, good pad wear
726-1	4 to 7 t	300	350	0.38	High speed traffic	1.1	Stable friction level with good wet behaviour, good pad wear
725	10 t	140	350	0.35	High duty intercity & regional traffic	---	Bombardier NAT type fleet 10t up to 140 km/h
726-1	10 t	200	350	0.40	High duty intercity & regional traffic	---	Coradia Nordic X61 / Bombardier Regio 2N type fleet 10t up to 200 km/h
707	4 to 9 t	200	350	0.36 - 0.38	Intercity & regional traffic	4.2	UIC cat 4.2 type - UIC homologation to be requested soon
730	4 to 9 t	200	350	0.38 - 0.40	Intercity & regional traffic	---	Bombardier Turbostar & Electrostar type fleet
666	6.5 to 7.5 t	200	350	0.36	Intercity & regional traffic	4.2	UIC cat 4.2 approved pad - SNCB I11 / AM96 / M6 - Rotem HCRS2
394	5.5 to 7.5 t	200	350	0.34	Intercity & regional traffic	---	SNCF Corail coaches up to 200 km/h
690	4 to 8 t	120	350	0.35	Metro & Urban traffic	---	RATP Metro MP89-05 / MF88 / MF67

UIC approved

UIC Certification in progress

For more information regarding the values above, please contact us at www.flertex.fr





Flertex Composite Brake Blocks



Material	Load per wheel	Maximum Speed (kph)	Maximum Temperature (°C)	Friction level as reference	Operational capabilities	Type	Potential Applications
625	2.5 to 4 t	350	450	0.30	High speed traffic	K Block	SNCF TGV - Bombardier Regio2N
693	2.5 to 11.25 t	120	350	0.30 - 0.40	Passenger & freight traffic	K Block	SNCF Z6400 - RATP MF77 / MF67
786	4.5 to 11 t	160	350	0.28 - 0.30	Passenger traffic & Locomotive	K Block	SNCF Z2N fleet
782	3.8 to 6.8 t	100	350	0.32 - 0.35	Metro - steel wheel	K Block	Various metro fleet (Riyadh,...)
762	4 to 7 t	100	350	0.32 - 0.35	Metro - rubber-tyred / driverless	K Block	RATP MP89 / MP05 / MP14
692	7 t	120	400	0.20	Passenger traffic	L Block	SNCF Z6100
685	2.5 t	200	375	0.18	Passenger traffic	L Block	SNCF Retrofit cast iron Corail coaches
645	3 t	120	375	0.20 - 0.22	Passenger traffic	L Block	RATP MI79
Product development in progress - UIC homologation targeted						LL Block	-

UIC approved according to 2th edition 541-4

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Flertex Sinter Disc Brake Pads

Pad design - material	Load per disc	Maximum Speed (kph)	Maximum Temperature (°C)	Friction level as reference	Operational capabilities	UIC Category	Comments
GT10	up to 12 t	400	600 - 900	0.35 - 0.40	Very high speed train	D, E, F, G	Flexible pad for WMD on high speed trains / EMU
GT8	up to 10 t	360	600 - 900	0.35 - 0.40	Very high speed train	D, E, F, G	Flexible pad for WMD on high speed trains / EMU
GP20	10 t	360	600 - 900	0.35 - 0.40	High speed trains	B, C, D, E	Pillar pad for AMD on high speed trains
LLC	10 t	360	600 - 900	0.34 - 0.38	High speed trains - coaches	B, C, D	Pillar pad for AMD on high speed trains / coaches Mounted on coaches in Russia and India
G35	5 t	320	600 - 900	0.38	High speed trains - Locomotives	R1B	Pillar pad for AMD on high speed trains / locomotives 20 years REX on TGV, Thalys, Eurostar, Taurus loco
G36	10 t	250	600 - 900	0.35 - 0.40	Regional traffic - EMU - coaches	A, B, C	Monobloc pad for EMU Mounted on Actren ATPRD, SNCF Regiolis, Regio2N, S-Bahn
G40	4 t	120	600 - 900	0.34	Freight	A	Specific pad for wheel flange braking - ÖBB Rolla
TR10	8 t	100	600 - 900	0.35	LRV	---	Pad for Flange mounted disc on LRV CAF Urbos Stockholm, BT Flexity Toronto Mtrolinx

UIC approved

UIC Certification in progress

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Flertex Sinter Brake Blocks



Material	Load per wheel	Maximum Speed (kph)	Maximum Temperature (°C)	Friction level as reference	Operational capabilities	Type	Potential Applications
C30	up to 10 t	200	700 - 1000	0.30 - 0.35	Locomotives, EMU	K Block	SNCF BB26000 locomotives, GE Powerhaul Loco (Korail, KTZ, TCDD), Arcelor Atlantic, DSB EMU IR4 Ansaldo, PKP, WKD
W30-1	up to 10 t	140	700 - 1000	0.30 - 0.35	Freight	K Block	Modalohr, LOHR UIC in progress
C17	up to 4 t	160	700 - 1000	0,17	Locomotives	L Block	SNCF Z2N fleet
Product development in progress - UIC homologation targeted						LL Block	-

UIC approved according to 2th edition 541-4

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