

## **Brakes**

### **Brakes with composite brake blocks – General conditions for the certification of composite brake blocks**

#### **Appendix N**

*Composite brake blocks certified for international traffic*

The tables given in this appendix:

- are updated regularly,
- correspond to the above date of update.



## Appendix N - Composite brakes blocks authorised before 1.1.1996 - right of continuance

Conformity assessment in accordance with the 2nd edition of Leaflet 541-4 (1.10.1990) (quality assurance by the operator)

Manufacturer / name of product	Designation type of shoe	Type of friction coefficient	Applications allowed/ Remarks	used by	Date of conformity assessment
Valeo/Hersot Wabco/Cobra	693 W554	K	On various passenger and freight vehicles (including standardised pocket wagons) and locomotives	SNCF	1.2.1984 1); 2); 3)
Valeo/Hersot Wabco/Cobra	693 W554	K	Standardised pocket wagons, locomotive 18	SNCF	1.2.1984 1); 2); 3)
Ferodo	I/B 436	K	Swivelling-pocket wagons, standardised pocket wagons	FS	1.4.1989 1); 2); 3)
Abex	229	K (Fe - sintered)	Y 31 C1 and Y 33 A bogies	SNCF	1.3.1992 31.12.2004 1); 2); 3)
Jurid	738	K (Fe - sintered)	Y 31 C bogie	ÖBB	1.3.1995 31.12.2004 1); 2)

- 1) Approval expires 5 years after the entry into force of the 3rd edition of this UIC leaflet. Beyond this date an extended approval can be granted on the basis of a justified request.
- 2) Authorisation extended until 1/2/2022 in accordance with the decision taken at the 223<sup>rd</sup> meeting of SET 7.
- 3) Authorisation extended until 15/7/2030 in accordance with the decision taken at the 240<sup>th</sup> meeting of SET 7.



Notes concerning the update:

Date of update	Body	Decision
7.4.2004	CTR Steering Committee	Creation of a UIC website for UIC-approved components; removal of the corresponding appendices in UIC leaflets
8/1/2007	SG 5, Brakes and Running Gear	First publication on the UIC website of the tables in Appendix M (M1,M2 and M3) and Appendix N of UIC Leaflet 541-1
1/8 /2007	SG 5, Brakes and Running Gear	Amendment of the title of Appendix M1 (only in the French version)
30/3/2010	SET7, "Braking"	Appendix M2: Approval for ICER Brakes - ICER902/62 Approval for Federal-Mogul Friction Products - Ferodo 3325F
30/6/2010	SET7, "Braking"	Appendix M1: including Appendix M1 in the new edition of the leaflet
5/2/2012	SET7, "Braking"	Appendix N: extension of the approval for the following brake blocks: Valeo/Hersot 693, Wabco/Cobra W554, Ferodo I/B 436, Abex 229, Jurid 738
20/7/2020	SET7, "Braking"	Appendix N: extension of the approval for the following brake blocks: Valeo/Hersot 693, Wabco/Cobra W554, Ferodo I/B 436, Abex 229 Withdrawal of Wabco/Cobra W 392, Mintex DON TBL 804