



BRAKE PADS & WEAR INDICATORS FOR COMMERCIAL VEHICLES



CATALOGUE
2018-2019





FRICION MATERIAL WEAR INDICATORS

TRUST THE BEST FOR YOUR SAFETY

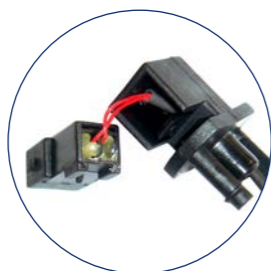
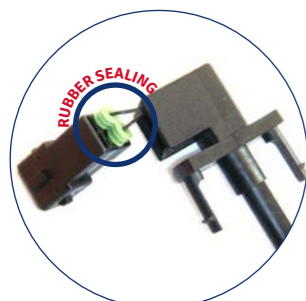
You can trust on Wagner® QS wear indicators manufactured in EU with tested high quality materials.

- Range covering the most popular vehicles
- Tested high quality materials
- Kits including accessory
- Reliable performances, always
- The best choice at the best price

ANTI-HUMIDITY SOLUTION



COMPETITOR



RUBBER SEALING
For safer and long-lasting options vs. economic solution

PREMIUM MATERIALS

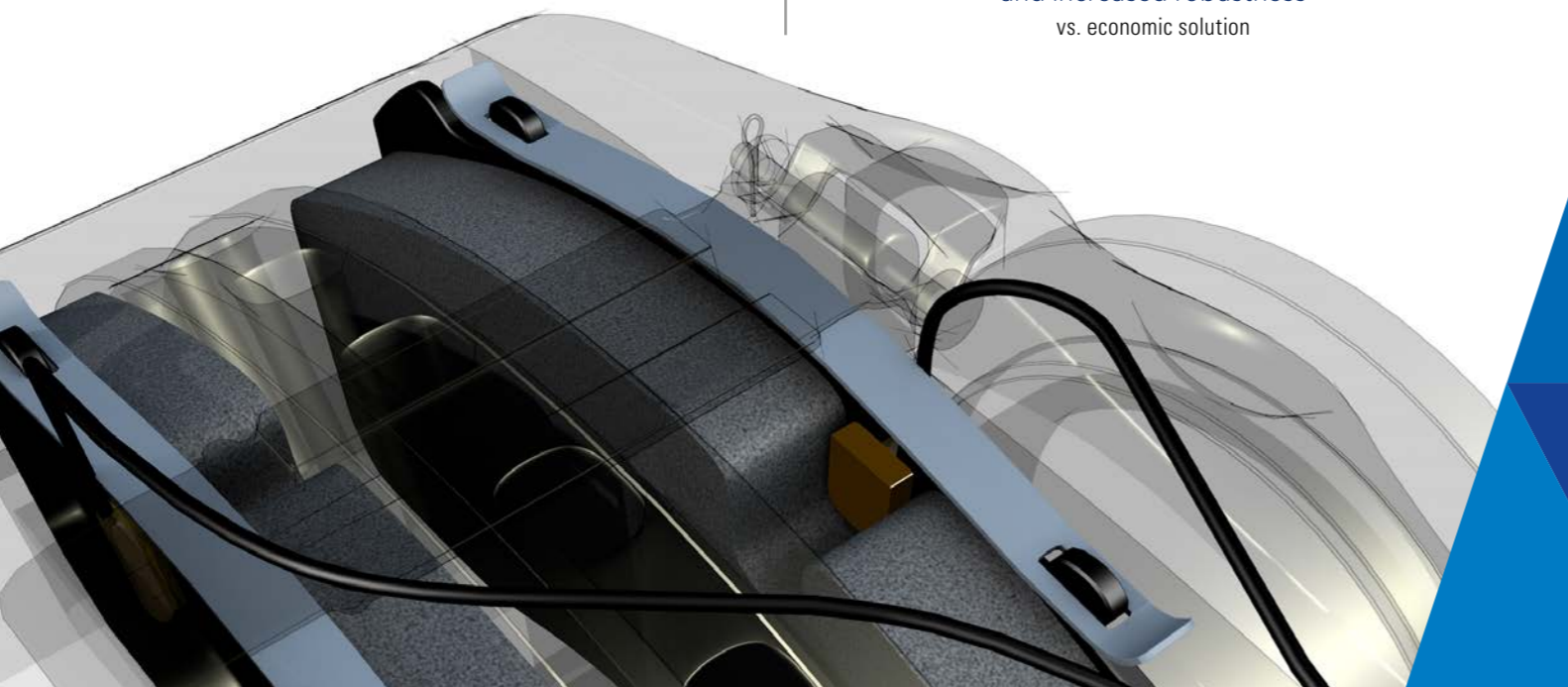


COMPETITOR



*Pictures taken after being fitted and operated on the same vehicle

STAINLESS STEEL BRACKET & COPPER SILVER PINS. CONDUCTOR IN TIN COATED COPPER
Featuring anti-corrosion characteristics and increased robustness vs. economic solution



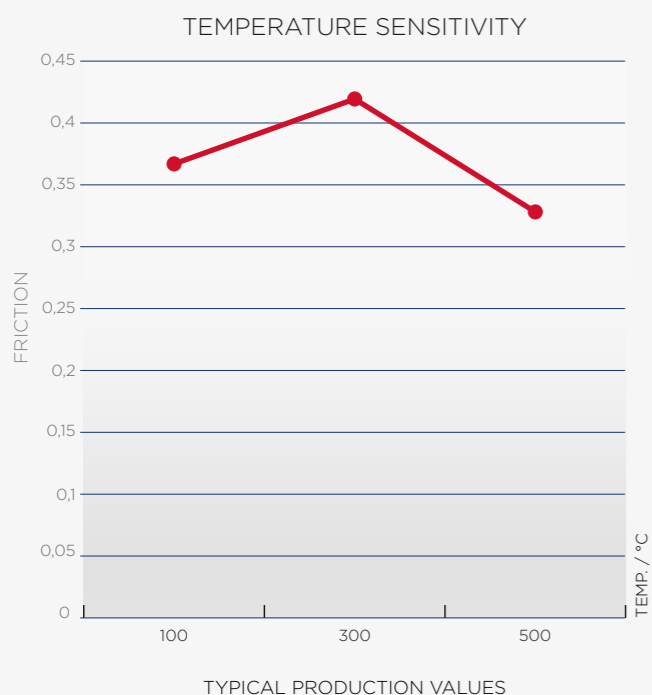
Part # pads	WVA	Brake Sytem	Lenght	Height	Thickness	Main Applications
2901704960	29017	WAB 456 F-Ö	191	87,5	23	AVIA D-Line, DAF 45 / F600 / F800 / F1000, VECO Zeta
2903004950	29030	MER D-ELSA1	250	118	28	Mercedes Benz, MAN F/M2000, TG-A, RVI Manager, Premium
2906704960	29067	MER 68B68	175,5	78	22	RVI Midliner / S, Volvo FL / FS, Iveco Eurocargo / Z
2908804950	29088	WAB Pan17	175,6	85,6	26	MAN L/M2000, DAF LF45, Iveco Eurocargo
2909004950	29090	MER D-LISA	249	114	28	RVI Manager, G
2909304950	29093	KNR SB/SN6	211	93	30	SAF / Sauer / BPW Trailer, Mercedes Atego
2910804950	29108	KNR SB/SN7	248	109	30	MAN F 2000, TG-A, Mercedes Actros, Atego
2911504950	29115; 29148	KNR SB/SN5	174	84	27; 34	Mercedes Atego, MAN TG-L
2912204960	29122	BRE 2x68	175	86	22	Iveco Eurocargo
2912404950	29124	MER DX195	205,4	102	27	Meritor / ROR
2912504950	29125	MER D-DUCO	249,6	111	29	Volvo FH / FL / FM
2913104950	29131	MER D-ELSA2	249,6	118,2	29	RVI Premium, Magnum, MAN TG-A
2913704950	29137	MER C-DUCO	210,1	102,4	29	Volvo FL
2914304950	29143	HAL DB22	247,6	105	30	SAF / SAUER RB9022 RS9022, SMB
2915804950	29158	KNR SK7	211	108	30	Schmitz/Trailors div.
2915904950	29159	WAB PAN19-1	210	92	30	DAF LF55, RVI Midlum, SAF / Sauer Trailer
2916204950	29162	WAB PAN22-1	210	110	31	SAF / Sauer Trailer
2916904950	29169	MER ELSA195	210,5	99,8	30	Meritor
2917304950	29173	MER ELSA225-1	216	99,5	29	RVI Midlum, VOLVO FH / FL-II / FL-III
2917404950	29174	MER ELSA225-3	249,4	109	29	RVI Magnum DXI Series, Premium 2, VOLVO B, FE, FH, FM Series
2926304950	29263	KNR SB4345T	248	109,5	30	BPW EcoPlus, SH SB/SN7
2926404950	29264	KNR SB4309T	210,8	108	30	BPW EcoPlus SK7
2926504950	29265	KNR SB3475T	211	93	30	BPW EcoMax, EcoPlus, SKH SB/SN6

WEAR INDICATOR

Part # Wear Indicators	Q.ty	Lenght	Main Applications
587021W	2	400	MAN
587022W	2	295	MAN, Wabco
587026W	2	400	Renault Trucks
587027W	2	226	Dennis, Renault Trucks, Volvo
587032W	2	355	Renault Trucks
587033W	2	300	Renault Trucks, Wabco
587040W	2	355	Renault Trucks, Volvo
587042W	2	150	Iveco
587044W	2	365	Iveco, Wabco
587056W	2	330	DAF, Wabco
587060W	2	310	MAN, DAF, Iveco, Scania
587068W	2	380	DAF, Dennis, Gigant Group
587099W	2	880	Universal Trailer applications where applicable

DATA SHEET
FRICITION MATERIAL
FM495

FM495 is a formulation designed, tested and produced according to the FM engineering specifications to fulfill the R90 requirements. It's suitable to Air Disc Brake Pads for truck and trailer applications and it properly matches the material grades of FM rotor product line.

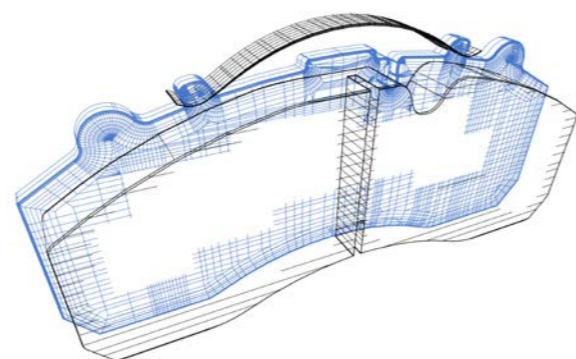


PHYSICAL & TECHNICAL PROPERTIES

Specific Gravity	2.75 g/cm ³
Min. Shear Strength	350 N/cm ²

OPERATING CONDITIONS

Max. Continuous Temperature	T = 300 °C
Max. Short Term Temperature	T = 500 °C



VEHICLE MANUFACTURERS INDEX

ACERBI	4	LIAZ	8
AVIA - DAEWOO (Czech)	4	MAN	8
AWD	4	MERCEDES-BENZ	10
BPW	4	MERITOR	10
CRANE FRUEHAUF	4	NISSAN	12
DAF	4	PERROT BREMSEN (WABCO)	12
DENNIS	4	RENAULT TRUCKS	12
DISCOS	4	S.A.E > SEE GIGANT GROUP	14
ERF	6	SAF	14
FODEN	6	SAMRO	14
FORD	6	SCANIA	14
GIGANT GROUP	6	SEDDON ATKINSON	14
GRANNING LYNX	6	SMB > SEE GIGANT GROUP	14
HALDEX	6	VOLVO	14
IVECO	6	WABCO	14
KNORR-BREMSE	8	ZF	14



THE WAGNER QS 'FLAT DESIGN PACKAGING' OFFERS SEVERAL ADVANTAGES:

- Easy to handle design that responds to market requests
- 3 different sizes to perfectly match product dimensions
- Compact brake pad packaging for less storage volume and great stackability
- Packaging label with all necessary product information, including batch code for perfect traceability
- Tightly sealed as anti-counterfeit measure to guarantee product authenticity

HOW TO USE



Make & Model



Detail

B/A code

Body / Axle code



Dates



Front/Rear

#

Quantity

WVA

WVA



Wagner QS



Length



Height



Thickness



Notes



Wear indicator



Man.

Caliper Manufacturer



Type

Caliper Type

IMPORTANT SAFETY NOTE

This material is used on pads for different types and sizes of Air Actuated Disc Brakes. It is mandatory for safety reasons to comply with recommendations specific to each brake type regarding disc type, thickness and inspection, along with Disc Pad Replacement procedure, including brake adjustment and bedding.



CHANGING THE STOPPING GAME



- Meets the safest performance standards
- Range of 23 references, covering 90% of European truck and trailer park
- Range of wear indicators available that compliment the QS range of pads
- Comes in a 'flat design packaging' for a better product fit, authentication and storage capabilities
- Includes the accessory kit in the pad box
- Dedicated R90

WAGNER QS

The Wagner® brand is a registered trademark of **FEDERAL-MOGUL MOTORPARTS**