



TÜV SÜD PRODUCT SERVICE GMBH - TIRE TEST 2025
235/55 R19 105Y XL - PIRELLI SCORPION 3
TEST RESULTS - PREMIUM TIRE MARK
REPORT NO. 713384205

CUSTOMER: PIRELLI

TEST CRITERIA:

AQUAPLANING STRAIGHT-LINE
WET BRAKING
WET GRIP INDEX - NEW & WORN
WET HANDLING
DRY BRAKING

ROLLING RESISTANCE
HIGHSPEED TEST ADVANCED
ROLLING NOISE

TIRE IDENTIFICATION TABLE (1/5)

TÜV-CODE	SUB-CODE	POS. / FUNCT.	DOT-CODE	BRAND	COMMERCIAL NAME	PRODUCTION COUNTRY	SIZE DESIGNATION	e / E APPROVAL-NO.	TREAD & SIDEWALL INFORMATION	TIRE LABEL	TREAD PATTERN
5-PI-S3-R	A	FL	193 08914U 3225	PIRELLI	SCORPION 3	Romania	235/55 R19 105Y XL	-	TR: 1 Polyester 2 Steel 1 Polyamide SW: 1 Polyester	-	
		FR	193 08914U 3225								
		RL	193 08914U 3225								
		RR	193 08914U 3225								
	B	FL	193 08914U 3225								
		FR	193 08914U 3225								
		RL	193 08914U 3225								
		RR	193 08914U 3225								
	C	FL	193 08914U 3225								
		FR	193 08914U 3225								
		RL	193 08914U 3225								
		RR	193 08914U 3225								
	PBN	FL	193 08914U 3225								
		FR	193 08914U 3225								
		RL	193 08914U 3225								
		RR	193 08914U 3225								
	COP	FL	193 08914U 3225								
		FR	193 08914U 3225								
		RL	193 08914U 3225								
		RR	193 08914U 3225								
	RRT	-	193 08914U 3225								
	HS	-	193 08914U 3225								
	WGI	-	193 08914U 3225								
	WORN	-	193 08914U 3225								

TIRE IDENTIFICATION TABLE (2/5)

TÜV-CODE	SUB-CODE	POS. / FUNCT.	DOT-CODE	BRAND	COMMERCIAL NAME	PRODUCTION COUNTRY	SIZE DESIGNATION	e / E APPROVAL-NO.	TREAD & SIDEWALL INFORMATION	TIRE LABEL	TREAD PATTERN
5-PI-S3-1	A	FL	1VR 100H5N 2425	BRIDGESTONE	TURANZA 6	Hungary	235/55 R19 105W XL	E4: 0212512 S2WR2 E4: 02137704	TR: 1 Polyester 2 Steel 1 Nylon Sw: 1 Polyester	A / A 70dB	
		FR	1VR 100H5N 2425								
		RL	1VR 100H5N 1925								
		RR	1VR 100H5N 1925								
	B	FL	1VR 100H5N 2425								
		FR	1VR 100H5N 2425								
		RL	1VR 100H5N 1925								
		RR	1VR 100H5N 1825								
	RRT	-	1VR 100H5N 2425								
	SPARE	-	1VR 100H5N 1425								

TIRE IDENTIFICATION TABLE (3/5)

TÜV-CODE	SUB-CODE	POS. / FUNCT.	DOT-CODE	BRAND	COMMERCIAL NAME	PRODUCTION COUNTRY	SIZE DESIGNATION	e / E APPROVAL-NO.	TREAD & SIDEWALL INFORMATION	TIRE LABEL	TREAD PATTERN
5-PI-S3-2	A	FL	1CN 0332V3 2725	CONTINENTAL	PREMIUMCONTACT 7	France	235/55 R19 105Y XL	E4: 02143036 0212295 S2WR2	TR: 1 Polyester 2 Steel 1 Polyamide SW: 1 Polyester	C / A 72dB	
		FR	1CN 0332V3 2725								
		RL	1CN 0332V3 2725								
		RR	1CN 0332V3 2725								
	B	FL	1CN 0332V3 2725								
		FR	1CN 0332V3 2725								
		RL	1CN 0332V3 2725								
		RR	1CN 0332V3 2725								
	RRT	-	1CN 0332V3 2725								
	SPARE	-	1CN 0332V3 2725								

TIRE IDENTIFICATION TABLE (4/5)

TÜV-CODE	SUB-CODE	POS. / FUNCT.	DOT-CODE	BRAND	COMMERCIAL NAME	PRODUCTION COUNTRY	SIZE DESIGNATION	e / E APPROVAL-NO.	TREAD & SIDEWALL INFORMATION	TIRE LABEL	TREAD PATTERN
5-PI-S3-3	A	FL	1H3E7 MA1R 1625	GOODYEAR	EFFICIENTGRIP 2 SUV	Slovenia	235/55 R19 105V XL	E13: 0426049 S2W2R3B 0223807	TR: 2 Polyester 2 Steel 2 Polyamide SW: 2 Polyester	B / A 70dB	
		FR	1H3E7 MA1R 1625								
		RL	1H3E7 MA1R 0625								
		RR	1H3E7 MA1R 0625								
	B	FL	1H3E7 MA1R 0625								
		FR	1H3E7 MA1R 0625								
		RL	1H3E7 MA1R 0525								
		RR	1H3E7 MA1R 0525								
	RRT	-	1H3E7 MA1R 0525								
	SPARE	-	1H3E7 MA1R 5024								

TIRE IDENTIFICATION TABLE (5/5)

TÜV-CODE	SUB-CODE	POS. / FUNCT.	DOT-CODE	BRAND	COMMERCIAL NAME	PRODUCTION COUNTRY	SIZE DESIGNATION	e / E APPROVAL-NO.	TREAD & SIDEWALL INFORMATION	TIRE LABEL	TREAD PATTERN
5-PI-S3-4	A	FL	1HD 8F 0EAX 2625	MICHELIN	PRIMACY 5	Italy	235/55 R19 105W XL	E2: 0224227 0423204 S2W2R3B	TR: 1 Polyester 2 Steel 1 Polyamide SW: 1 Polyester	B / A 70dB	
		FR	1HD 8F 0EAX 2625								
		RL	1HD 8F 0EAX 2625								
		RR	1HD 8F 0EAX 2625								
	B	FL	1HD 8F 0EAX 2925								
		FR	1HD 8F 0EAX 2925								
		RL	1HD 8F 0EAX 2525								
		RR	1HD 8F 0EAX 2625								
	RRT	-	1HD 8F 0EAX 2025								
	SPARE	-	1HD 8F 0EAX 2825								

OVERVIEW OF RESULTS (PREMIUM TIRE MARK)

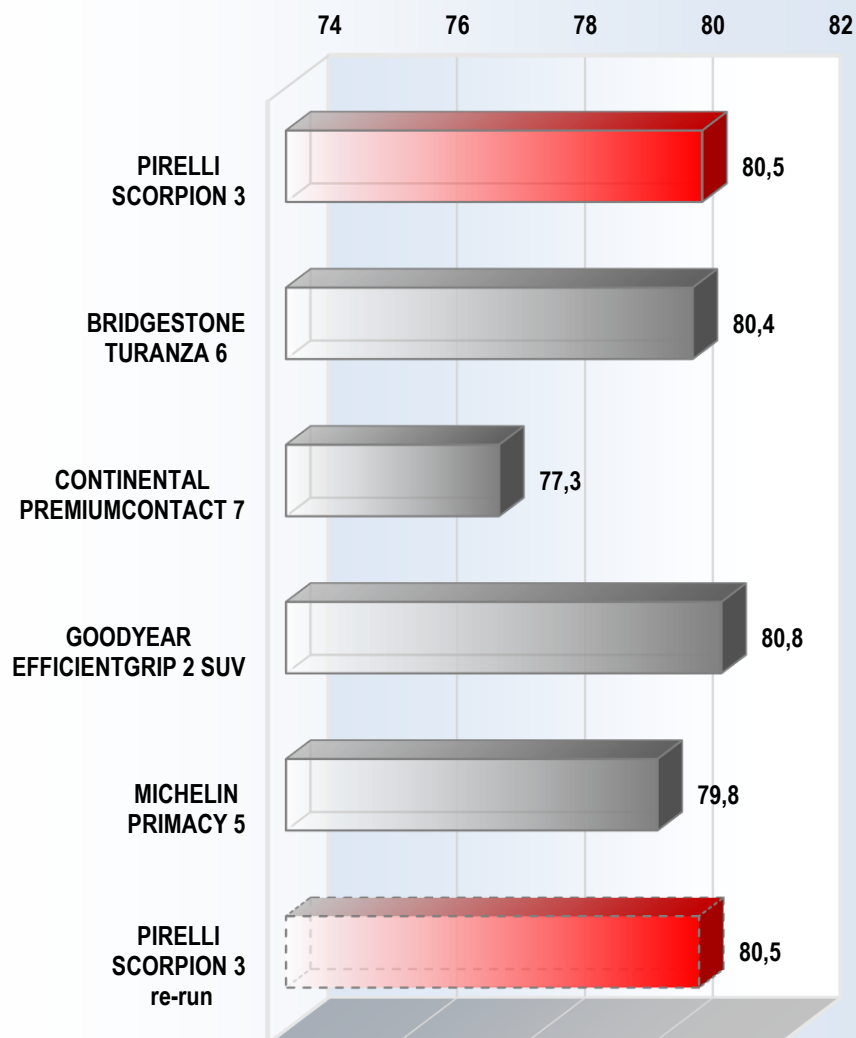
OVERVIEW OF RESULTS (PREMIUM TIRE MARK)					
CUSTOMER: Pirelli	TIRE SIZE: 235/55 R19 105Y XL		REPORT NO.: 713384205		
TEST PERIOD: September - October 2025	TEST VEHICLE: Audi Q5 / Audi Q7		TEST LOCATIONS: Pirelli Vizzola (I), IDIADA (E), TÜV SÜD PS Garching (D), Neubiberg (D)		
Percentage > 100% means better, percentage < 100% means worse.	PIRELLI SCORPION 3	BRIDGESTONE TURANZA 6	CONTINENTAL PREMIUMCONTACT 7	GOODYEAR EFFICIENTGRIP 2 SUV	MICHELIN PRIMACY 5
AQUAPLANING STRAIGHT-LINE	100,0%	99,8%	96,1%	100,4%	99,2%
WET BRAKING	100,0%	89,9%	102,0%	97,4%	98,9%
WET GRIP INDEX (ECE R117 Annex 5) - new tire	1,77	-	-	-	-
WET GRIP INDEX (ECE R117 Annex 9) - worn tire	1,32	-	-	-	-
WET HANDLING	100,0%	94,5%	97,1%	93,7%	91,5%
DRY BRAKING	100,0%	92,0%	98,5%	92,2%	93,2%
ROLLING RESISTANCE (ECE R117 Annex 6)	100,0%	102,9%	104,3%	95,7%	110,0%
HIGHSPEED TEST ADVANCED	100,0%	-	-	-	-
ROLLING NOISE (ECE R117 Annex 3)	71 dB(A)	-	-	-	-

DATASHEET: AQUAPLANING STRAIGHT-LINE

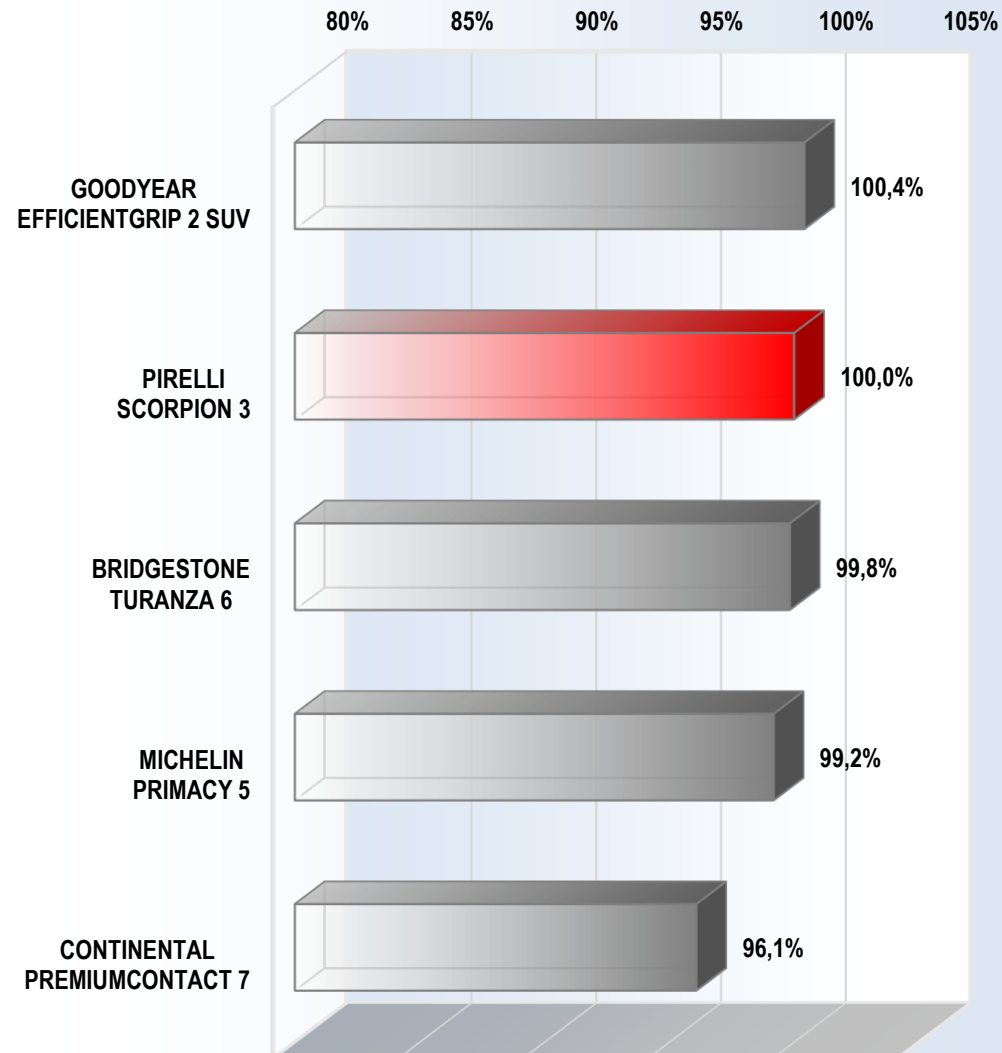
AQUAPLANING STRAIGHT-LINE											
DATE: 16-Sep-25		AIR TEMP.: 22.9 - 26.8°C		TIRE SIZE: 235/55 R19		INFLATION FA: 2.0 bar		TEST VEHICLE: Audi Q5 35TDI FWD			WATER DEPTH: 8 mm
TEST LOCATION: Pirelli Vizzola (I)		SURFACE TEMP.: 25.8 - 30.6°C		ETC: off		INFLATION RA: 2.0 bar		TEST SURFACE: wet asphalt			
TIRE BRAND	CODE	Value x ₁ [km/h]	Value x ₂ [km/h]	Value x ₃ [km/h]	Value x ₄ [km/h]	Ø Aquaplaning speed [km/h]	Standard deviation (σ _{n-1}) [km/h]	Coefficient of variation [%]	Reference value [km/h]	Compared to PIRELLI SCORPION 3 [%]	PIRELLI compared to Ø of competitors [%] (Limit for PM: 95%, rounded)
PIRELLI SCORPION 3	5-PI-S3-R A	80,5	80,7	80,1	80,7	80,5	0,28	0,35%	80,50	100,0%	101%
BRIDGESTONE TURANZA 6	5-PI-S3-1 A	80,6	80,4	79,8	80,6	80,4	0,38	0,47%	80,49	99,8%	100%
CONTINENTAL PREMIUMCONTACT 7	5-PI-S3-2 A	76,8	77,6	77,7	77,2	77,3	0,41	0,53%	80,48	96,1%	
GOODYEAR EFFICIENTGRIP 2 SUV	5-PI-S3-3 A	80,4	80,7	80,9	81,2	80,8	0,34	0,42%	80,47	100,4%	
MICHELIN PRIMACY 5	5-PI-S3-4 A	79,9	79,7	80,0	79,6	79,8	0,18	0,23%	80,46	99,2%	
PIRELLI SCORPION 3 re-run	5-PI-S3-R A	80,6	80,5	80,7	80,0	80,5	0,31	0,39%	80,45	-	-

DIAGRAM: AQUAPLANING STRAIGHT-LINE

AQUAPLANING SPEED [km/h]



AQUAPLANING PERFORMANCE (RANKED) [%]



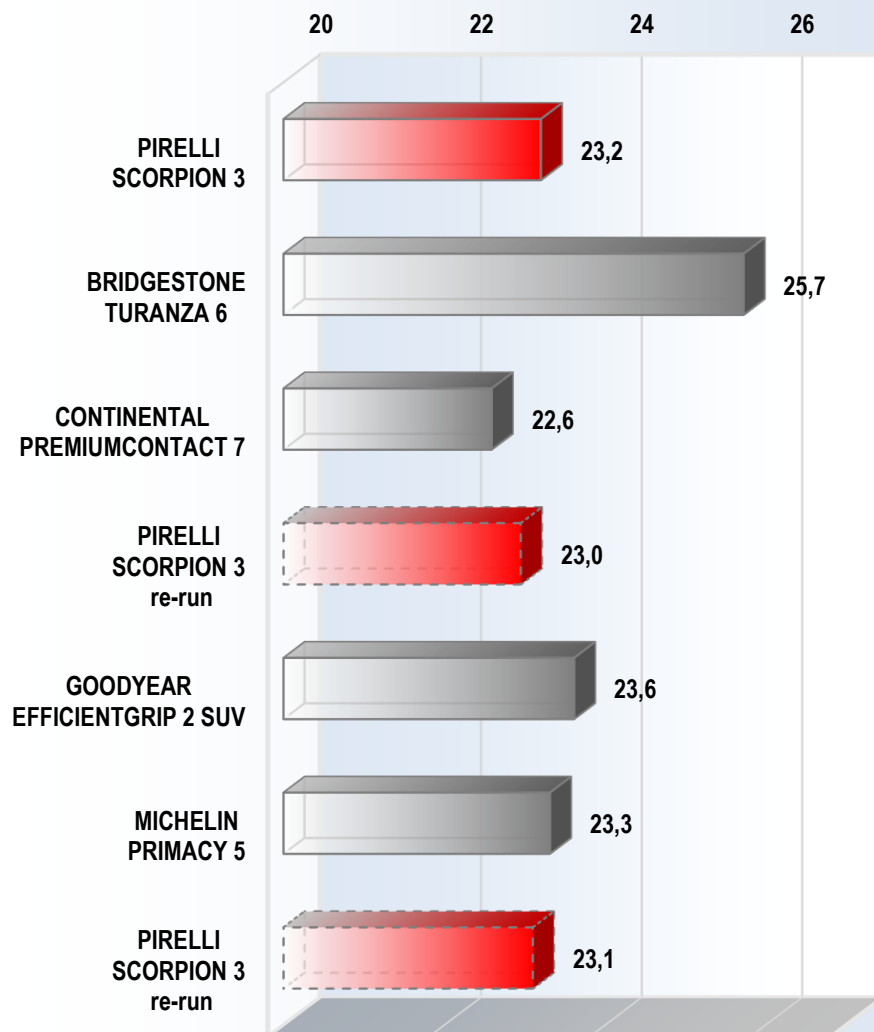
DATASHEET: WET BRAKING

WET BRAKING																
DATE: 16-Sep-25		AIR TEMP.: 25.2 - 28.5°C			TIRE SIZE: 235/55 R19			INFLATION FA: 2.0 bar			TEST VEHICLE: Audi Q5 35TDI quattro			v ₁ [km/h]: 80		
TEST LOC.: Pirelli Vizzola (I)		SURFACE TEMP.: 21.0 - 22.5°C			ABS: on			INFLATION RA: 2.0 bar			TEST SURFACE: wet asphalt			v ₂ [km/h]: 20		
TIRE BRAND	CODE	Value x ₁ [m]	Value x ₂ [m]	Value x ₃ [m]	Value x ₄ [m]	Value x ₅ [m]	Value x ₆ [m]	Value x ₇ [m]	Value x ₈ [m]	Ø Braking distance [m]	Standard deviation (σ _{n-1}) [m]	Coefficient of variation [%]	Ø Deceleration [m/s ²]	Reference value [m/s ²]	Compared to PIRELLI SCORPION 3 [%]	PIRELLI compared to Ø of competitors [%] (Limit for PM: 95%, rounded)
PIRELLI SCORPION 3	5-PI-S3-R B	23,5	23,0	23,1	23,2	-	-	-	-	23,2	0,22	0,93%	9,98	9,978	100,0%	103%
BRIDGESTONE TURANZA 6	5-PI-S3-1 B	26,1	25,3	25,9	26,1	25,4	25,6	25,7	25,7	25,7	0,30	1,15%	9,00	10,014	89,9%	100%
CONTINENTAL PREMIUMCONTACT 7	5-PI-S3-2 B	23,2	22,7	22,6	21,9	23,0	22,1	22,5	22,7	22,6	0,43	1,90%	10,25	10,050	102,0%	
PIRELLI SCORPION 3 re-run	5-PI-S3-R B	23,1	23,5	22,7	22,5	-	-	-	-	23,0	0,44	1,93%	10,09	10,086	-	
GOODYEAR EFFICIENTGRIP 2 SUV	5-PI-S3-3 B	24,3	24,2	23,6	23,5	23,0	23,3	23,0	24,0	23,6	0,51	2,16%	9,80	10,065	97,4%	
MICHELIN PRIMACY 5	5-PI-S3-4 B	23,4	23,3	24,3	23,2	23,6	22,8	23,0	22,9	23,3	0,48	2,06%	9,93	10,043	98,9%	-
PIRELLI SCORPION 3 re-run	5-PI-S3-R B	23,3	22,9	23,7	22,5	-	-	-	-	23,1	0,52	2,24%	10,02	10,021	-	

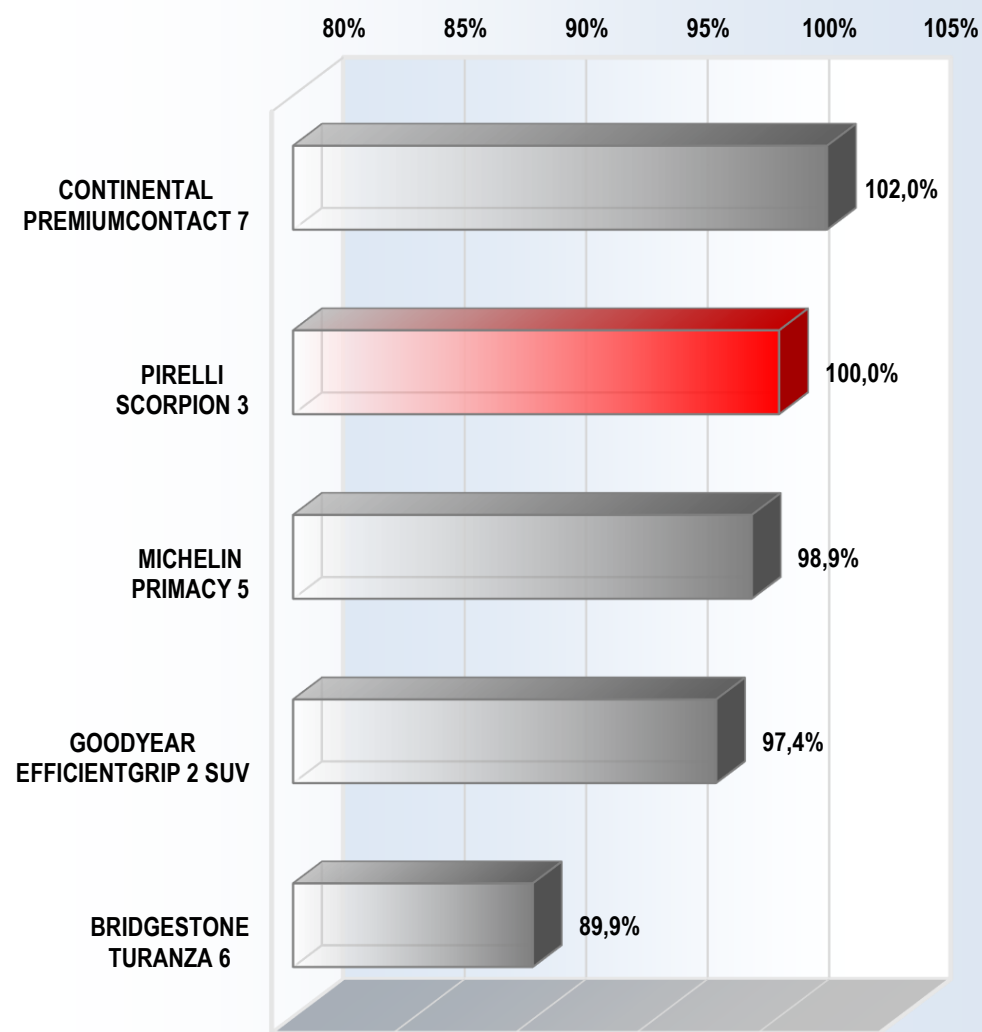
Average of Wet Grip Index G ≥ 1,45 (= 100% [+0,01 = +1%], max 110%) and min. 95% compared to average of competitors. Average ≥ 100% [(110% + 103%) / 2 = 107%]

DIAGRAM: WET BRAKING

WET BRAKING DISTANCE [m]



WET BRAKING PERFORMANCE (RANKED) [%]



Wet grip - trailer method acc. to ECE R117_02 Annex 5

Report number:	713384205
Test location:	Neubiberg (D)
Test track:	Wet braking track
Texture depth [mm]:	0,95
$\mu_{peak,corr}$:	0,704
Water depth [mm]:	1,30
Irrigation:	internal

Speed [km/h]:	65
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Client:	Pirelli
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Driver:	D.Bunz
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Test date:	10-Oct-25
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	Min.:	Max.:
Wetted surface temp. [°C]:	15,6	17,1
Ambient temp. [°C]:	11,6	13,0

Tire		SRTT		5-PI-S3-R WGI		SRTT
Brand		Uniroyal		Pirelli		Uniroyal
Pattern / trade description		SRTT16 ASTM F2493-20		Scorpion 3		SRTT16 ASTM F2493-20
Size		P225/60 R16		235/55 R19		P225/60 R16
Service description		97S		105Y XL		97S
Reference (test) inflation pressure [kPa]		250		290		250
Tire identification		APX0 B2UU 4523		193 08914U 3225		APX0 B2UU 4523
M+S marking (Y/N)		Y		N		Y
3PMSF marking (Y/N)		N		N		N
Rim		6.5Jx16		8.5Jx19		6.5Jx16
Load [kg]		548		691		548
Pressure [kPa]		180		220		180
		μ_{peak}	μ_{peak}	μ_{peak}	μ_{peak}	μ_{peak}
Measurement	1	0,710		1,068		0,740
	2	0,709		1,076		0,732
	3	0,711		1,075		0,738
	4	0,711		1,062		0,733
	5	0,720		1,059		0,735
	6	0,716		1,033		0,731
μ_{peak}		0,713		1,062		0,735
Standard deviation, σ_{μ}		0,004		0,016		0,004
$CV_{\mu} \leq 4\%$		0,60%		1,49%		0,48%
$CVal(\mu_{peak}) \leq 5\%$						3,04%
$\mu_{peak,corr}[R]$		0,704				0,727
$\mu_{peak,adj}[R]$				0,728		
Wet grip index (Limit for TM: WGI $\geq 1,45$)				1,77		
Wetted surface temp. [°C]		15,6		17,1		16,3
Ambient temp. [°C]		11,6		13,0		12,9
Test sequence		Two tires in test sequence				

Wet grip - trailer method acc. to ECE R117_03 Annex 9

Report number:	713384205
Test location:	Neubiberg (D)
Test track:	Wet braking track
Texture depth [mm]:	0,95
$\mu_{peak,corr}$:	0,603
Water depth [mm]:	0,60
Irrigation:	internal

Speed [km/h]:	65
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Client:	Pirelli
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Driver:	D.Bunz
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Test date:	10-Oct-25
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	Min.:	Max.:
Wetted surface temp. [°C]:	13,2	14,9
Ambient temp. [°C]:	11,2	12,6

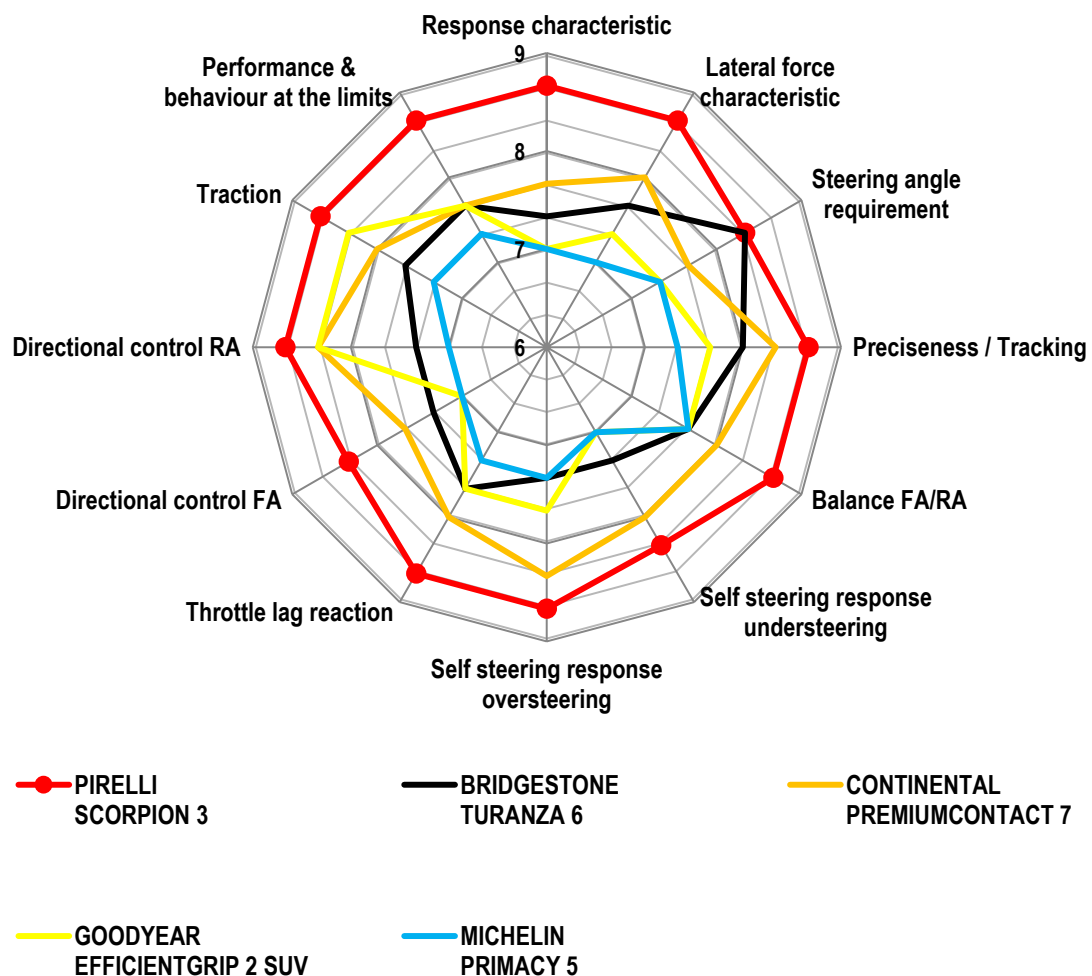
Tire		Moulded SRTT16 worn	5-PI-S3-R worn			Moulded SRTT16 worn
Brand		Uniroyal	Pirelli			Uniroyal
Pattern / trade description		Moulded SRTT16 worn ASTM F3611-22	Scorpion 3			Moulded SRTT16 worn ASTM F3611-22
Size		P225/60 R16	235/55 R19			P225/60 R16
Service description		97S	105Y XL			97S
Reference (test) inflation pressure [kPa]		250	290			250
Tire identification		1APX0 B3UU 4722	193 08914U 3225			1APX0 B3UU 4722
M+S marking (Y/N)		Y	N			Y
3PMSF marking (Y/N)		N	N			N
Rim		6.5Jx16	8.5Jx19			6.5Jx16
Load [kg]		545	691			544
Pressure [kPa]		180	220			180
		μ_{peak}	μ_{peak}	μ_{peak}	μ_{peak}	μ_{peak}
Measurement	1	0,612	0,818			0,616
	2	0,615	0,815			0,605
	3	0,608	0,810			0,618
	4	0,619	0,800			0,609
	5	0,612	0,817			0,609
	6	0,618	0,817			0,607
μ_{peak}		0,614	0,813			0,611
Standard deviation, σ_{μ}		0,004	0,007			0,005
$CV_{\mu} \leq 4\%$		0,68%	0,85%			0,85%
$CVal(\mu_{peak}) \leq 5\%$						0,54%
$\mu_{peak,corr}[R]$		0,603				0,597
$\mu_{peak,adj}[R]$			0,613			
Wet grip index (Limit for TM: WGI $\geq 1,15$)			1,32			
Wetted surface temp. [°C]		14,7	14,9			13,2
Ambient temp. [°C]		12,6	12,5			11,2
Test sequence		Three tires in test sequence				

DATASHEET: WET HANDLING

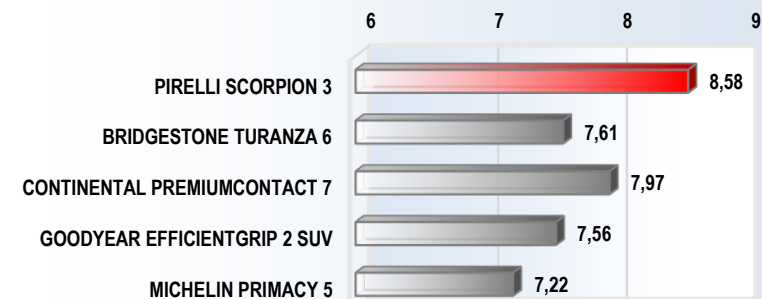
WET HANDLING																									
DATE: 17-Sep-25		AIR TEMP.: 22.8 - 25.8°C							TIRE SIZE: 235/55 R19					INFLATION FA: 2.0 bar			TEST VEHICLE: Audi Q5 35TDI quattro								
TEST LOCATION: Pirelli Vizzola (I)		SURFACE TEMP.: 25.6 - 29.7°C							ESP: off					INFLATION RA: 2.0 bar			TEST SURFACE: wet asphalt					TRACK LENGTH [m]: 1120			
Grading: ("+" = +0.33, "-" = -0.33) 10=outstanding 9=excellent 8=very good 7=good 6=satisfactory 5=just acceptable 4=unsatisfactory 3=poor 2=very poor 1=unacceptable		Response characteristic	Lateral force characteristic	Steering angle requirement	Preciseness / Tracking	Balance FA/RA	Self steering response understeering	Self steering response oversteering	Throttle lag reaction	Directional control FA	Directional control RA	Traction	Performance & behaviour at the limits	Average rating	Rating relative to reference tire [%]	Lap time t ₁ [s,ss]	Lap time t ₂ [s,ss]	Lap time t ₃ [s,ss]	Average lap time [s,ss]	Standard deviation [%]	Average speed [km/h]	Reference value [km/h]	Speed relative to reference tire [%]	Overall result compared to PIRELLI SCORPION 3 [%] (Rating:Speed = 1:2)	PIRELLI compared to Ø of competitors [%] (Limit for PM: 97%, rounded)
PIRELLI SCORPION 3	5-PI-S3-R B	9-	9-	8+	9-	9-	8+	9-	9-	8+	9-	9-	9-	8,58	100,0%	51,76	51,84	-	51,80	0,11%	77,84	77,838	100,0%	100,0%	106%
BRIDGESTONE TURANZA 6	5-PI-S3-1 B	7+	8-	8+	8	8-	7+	7+	8-	7+	7+	8-	8-	7,61	88,7%	53,13	53,29	53,34	53,25	0,21%	75,71	77,676	97,5%	94,5%	100%
CONTINENTAL PREMIUMCONTACT 7	5-PI-S3-2 B	8-	8	8-	8+	8	8	8+	8	8-	8+	8	8-	7,97	92,9%	52,35	52,32	52,59	52,42	0,28%	76,92	77,514	99,2%	97,1%	
PIRELLI SCORPION 3 re-run	5-PI-S3-R B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52,16	52,09	-	52,13	0,09%	77,35	77,353	-	-	
GOODYEAR EFFICIENTGRIP 2 SUV	5-PI-S3-3 B	7	7+	7+	8-	8-	7	8-	8-	7	8+	8+	8-	7,56	88,0%	53,98	54,00	54,10	54,03	0,12%	74,63	77,298	96,5%	93,7%	
MICHELIN PRIMACY 5	5-PI-S3-4 B	7	7	7+	7+	8-	7	7+	7+	7	7	7+	7+	7,22	84,1%	54,77	54,81	55,04	54,87	0,27%	73,48	77,244	95,1%	91,5%	
PIRELLI SCORPION 3 re-run	5-PI-S3-R B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52,32	52,15	-	52,24	0,23%	77,19	77,190	-	-	-

DIAGRAM: WET HANDLING

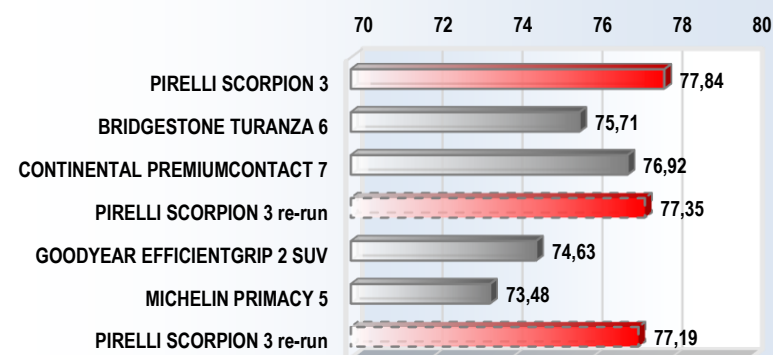
RATINGS (INDIVIDUAL) [10 = best, 1 = worst]



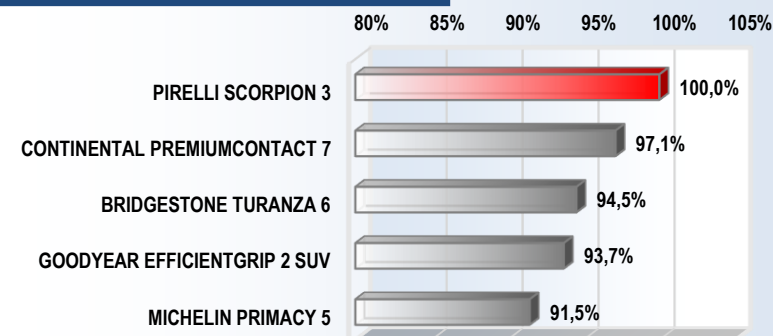
AVERAGE RATING SCORE [10 = best, 1= worst]



AVERAGE SPEED [km/h]



TOTAL RESULT (RATING:SPEED = 1:2) [%]

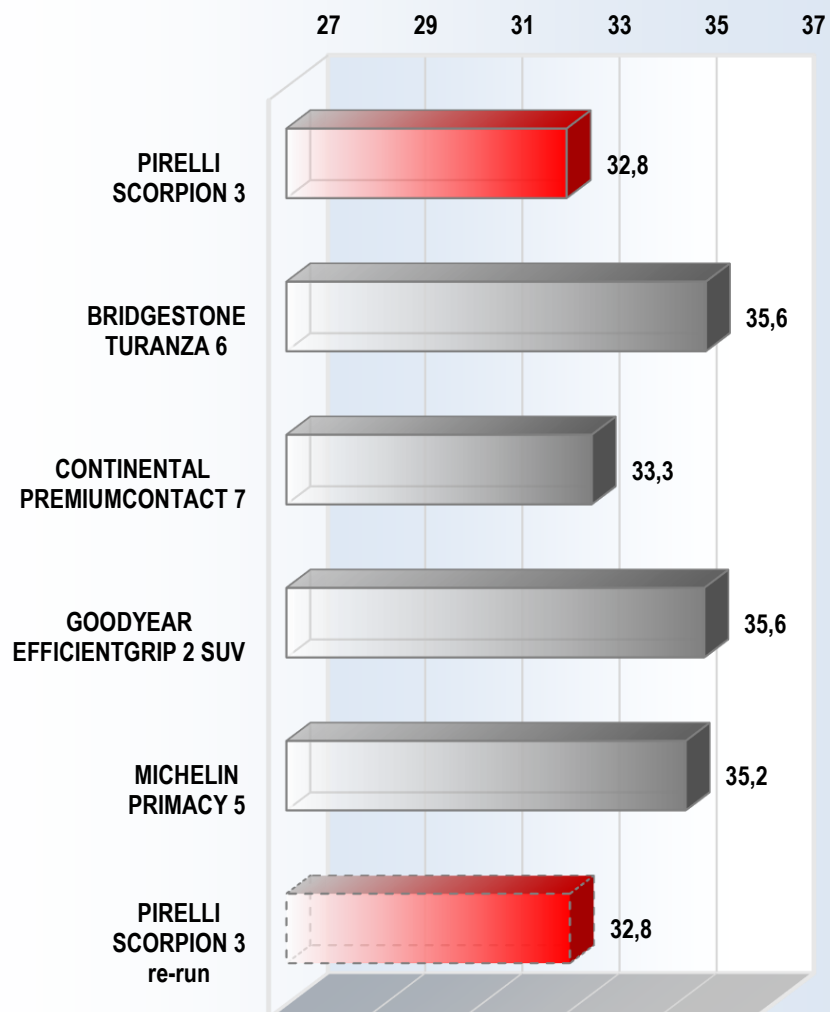


DATASHEET: DRY BRAKING

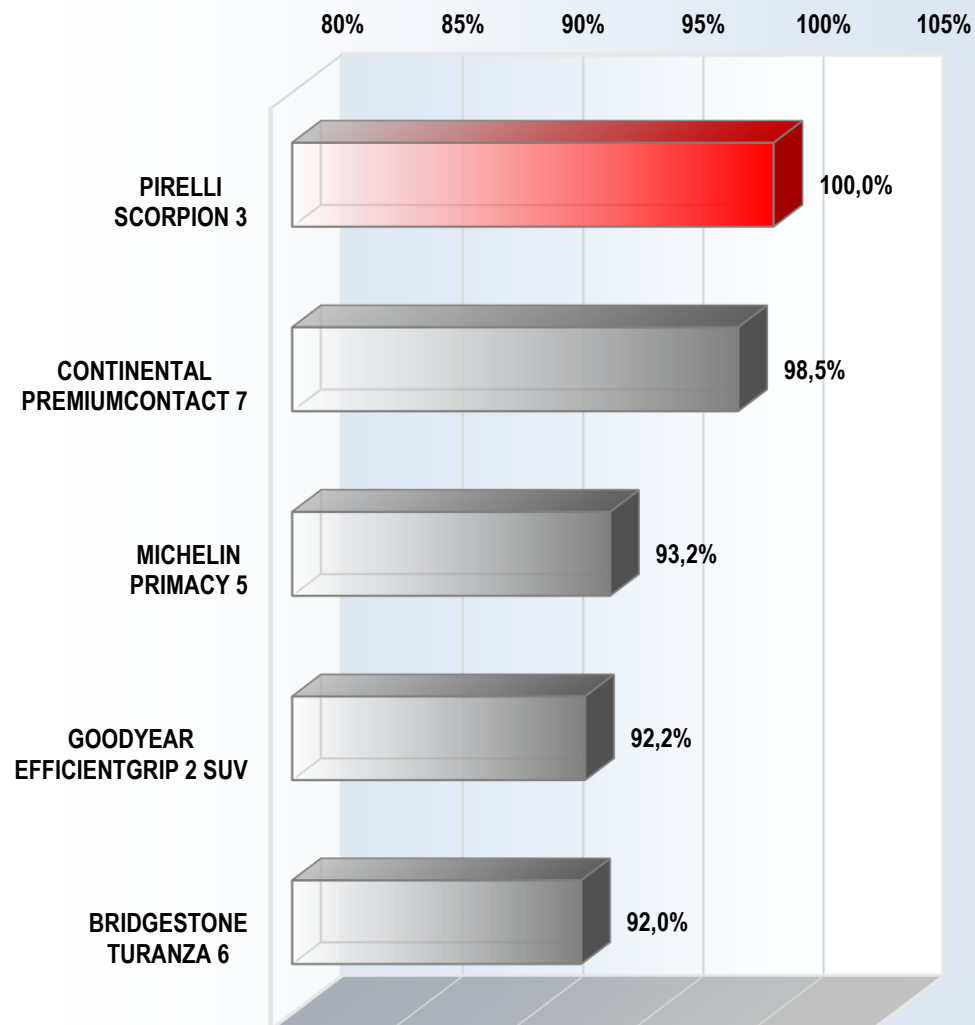
DRY BRAKING														
DATE: 17-Sep-25		AIR TEMP.: 22.0 - 26.0°C			TIRE SIZE: 235/55 R19			INFLATION FA: 2.0 bar		TEST VEHICLE: Audi Q5 35TDI FWD			v ₁ [km/h]: 100	
TEST LOC.: Pirelli Vizzola (I)		SURFACE TEMP.: 24.0 - 34.2°C			ABS: on			INFLATION RA: 2.0 bar		TEST SURFACE: dry asphalt			v ₂ [km/h]: 0	
TIRE BRAND	CODE	Value x ₁ [m]	Value x ₂ [m]	Value x ₃ [m]	Value x ₄ [m]	Value x ₅ [m]	Value x ₆ [m]	Ø Braking distance [m]	Standard deviation (σ _{n-1}) [m]	Coefficient of variation [%]	Ø Deceleration [m/s²]	Reference value [m/s²]	Compared to PIRELLI SCORPION 3 [%]	PIRELLI compared to Ø of competitors [%] (Limit for PM: 95%, rounded)
PIRELLI SCORPION 3	5-PI-S3-R A	32,7	32,7	32,9	-	-	-	32,8	0,12	0,35%	11,77	11,774	100,0%	106%
BRIDGESTONE TURANZA 6	5-PI-S3-1 A	35,8	35,9	35,5	35,9	35,3	35,4	35,6	0,27	0,75%	10,83	11,769	92,0%	100%
CONTINENTAL PREMIUMCONTACT 7	5-PI-S3-2 A	33,2	33,3	33,5	33,2	33,4	33,1	33,3	0,15	0,44%	11,59	11,765	98,5%	
GOODYEAR EFFICIENTGRIP 2 SUV	5-PI-S3-3 A	35,3	35,6	35,5	35,7	35,8	35,7	35,6	0,18	0,50%	10,84	11,760	92,2%	
MICHELIN PRIMACY 5	5-PI-S3-4 A	34,7	34,9	35,3	35,4	35,5	35,5	35,2	0,34	0,96%	10,96	11,755	93,2%	
PIRELLI SCORPION 3 re-run	5-PI-S3-R A	32,9	32,7	32,9	-	-	-	32,8	0,12	0,35%	11,75	11,750	-	-

DIAGRAM: DRY BRAKING

DRY BRAKING DISTANCE [m]



DRY BRAKING PERFORMANCE (RANKED) [%]



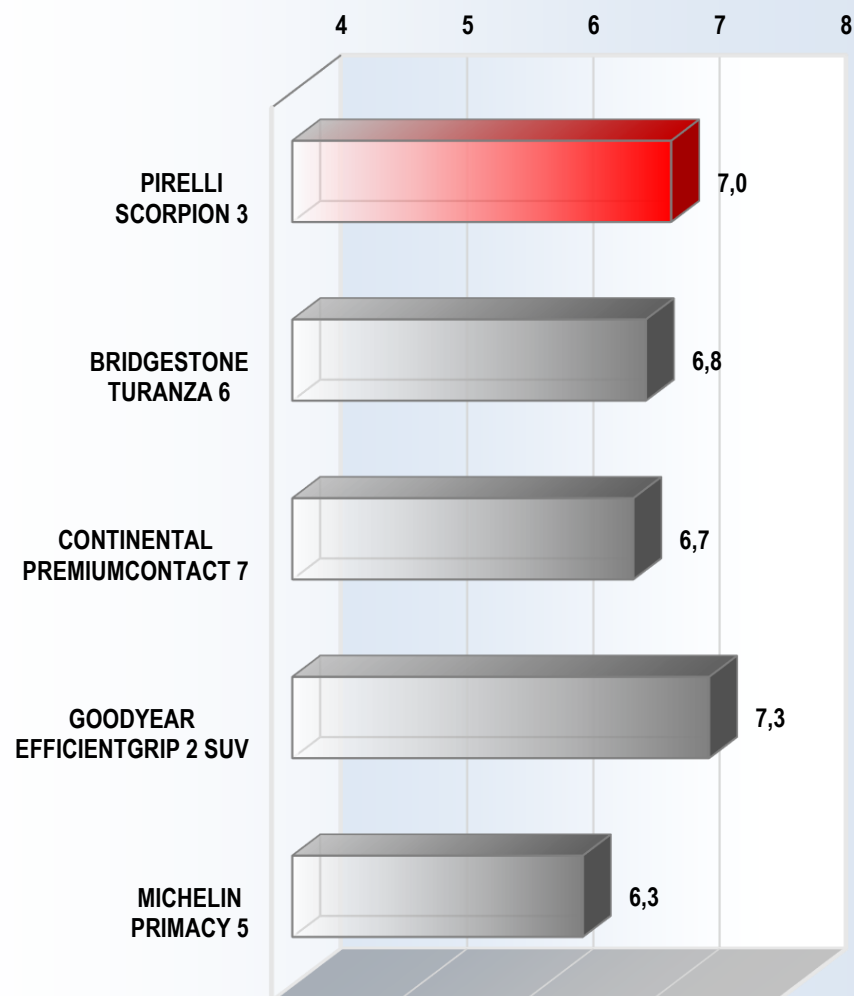
DATASHEET: ROLLING RESISTANCE (ECE R117 Annex 6)

ROLLING RESISTANCE (ECE R117 Annex 6)													
TEST LOCATION: TÜV SÜD PS, Garching (D)			TEST STANDARD: ECE R117 Annex 6				TIRE SIZE: 235/55 R19			DRUM Ø: 2000 mm		INFLATION: 2.50 bar	
TEST RIG: H8		TEST METHOD: Electrical Power					RIM SIZE: 7.5J x 19			v: 80 km/h		TEST LOAD: 740 kg	
TIRE BRAND	CODE	T _{Ambient} [°C]	Tire width [mm]	Tire weight [kg]	Static circumference [mm]	Rolling radius (at 80 km/h) [mm]	Rolling circumference [mm]	Skim test reading (ISO-value)		Label value		Compared to PIRELLI SCORPION 3 [%]	PIRELLI compared to Ø of competitors [%] (Limit for PM: 95%, rounded)
								F _R [N]	c _R [kg/t]	c _R [kg/t]	Classification		
PIRELLI SCORPION 3	5-PI-S3-R RRT	25,4	242	11,81	2322	344,8	2253	52,6	7,25	7,0	B	100,0%	97%
BRIDGESTONE TURANZA 6	5-PI-S3-1 RRT	25,3	243	12,10	2350	347,3	2281	51,6	7,11	6,8	B	102,9%	100%
CONTINENTAL PREMIUMCONTACT 7	5-PI-S3-2 RRT	25,4	248	11,83	2325	344,6	2258	50,6	6,98	6,7	B	104,3%	
GOODYEAR EFFICIENTGRIP 2 SUV	5-PI-S3-3 RRT	25,5	247	13,57	2314	342,7	2234	55,1	7,59	7,3	B	95,7%	
MICHELIN PRIMACY 5	5-PI-S3-4 RRT	25,4	247	12,28	2342	346,9	2273	47,3	6,51	6,3	A	110,0%	

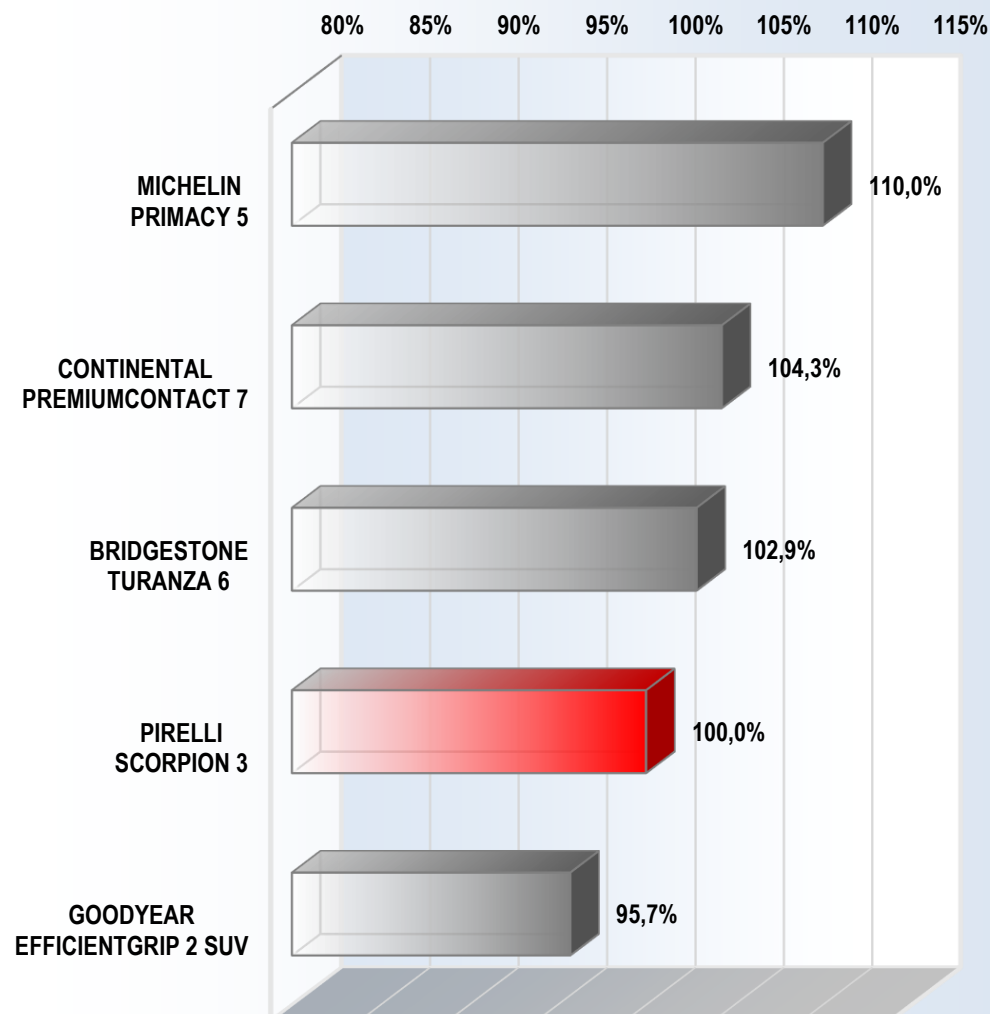
Note: As required in ISO 28580, the results F_R and C_R refer to 2 m - drum.

DIAGRAM: ROLLING RESISTANCE (ECE R117 Annex 6)

ROLLING RESISTANCE COEFF. c_R
LABEL VALUE [kg/t]



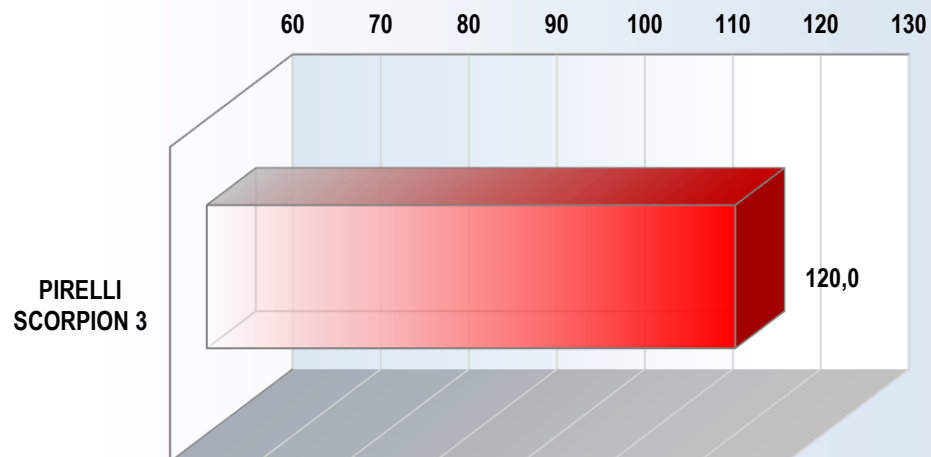
ROLLING RESISTANCE PERFORMANCE
(RANKED) [%]



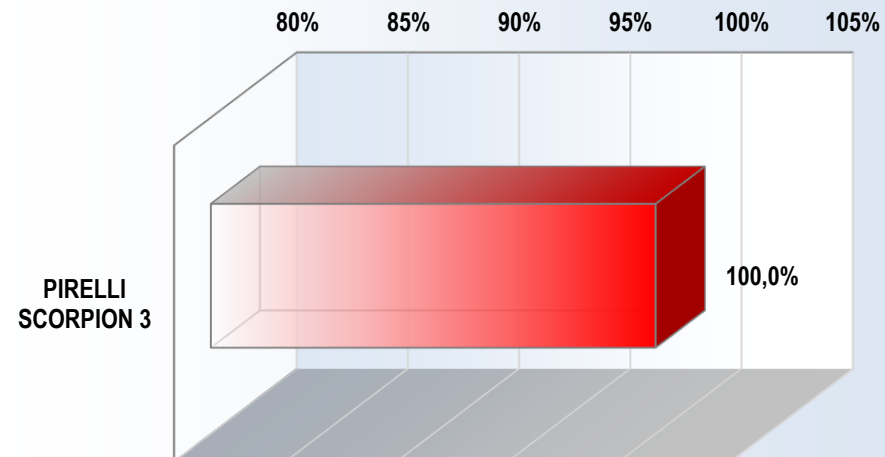
DATASHEET: HIGHSPEED TEST ADVANCED

HIGHSPEED TEST ADVANCED														
TEST DATE: 18-Sep-25			TEST STANDARD: ECE R30 + TM-program					TIRE SIZE: 235/55 R19			DRUM Ø: 2000 mm		INFLATION: 3.60 bar	
TEST LOCATION: TÜV SÜD PS, Garching (D)			TEST RIG: K1					RIM SIZE: 7.5J x 19			v: see below		TEST LOAD: 629 kg	
TIRE BRAND	Load & speed index	Inflation [bar] / Load [kg]	ECE-R30						Result	Running time in extension test [min] (2° camber, top speed, max. 60 min.)	Result after extension test	Total running time without defect [min]	Highspeed performance [%] (Limit for PM: 100%, rounded)	
PIRELLI SCORPION 3	105	3,6	Stage	1	2	3	4	5	without visible failure	60,0	without visible failure	120,0	100%	
			Time [min]	10	20	10	10	10						
	Y	629	Speed [km/h]	0-270	270	280	290	300		300,0				

TOTAL RUNNING TIME WITHOUT DEFECT [min]



HIGHSPEED PERFORMANCE [%]



DATASHEET: ROLLING NOISE

ROLLING NOISE (ECE R117 Annex 3)																	
DATE: 29-Sep-25			TEST STANDARD: ECE R117 Annex 3				TIRE SIZE: 235/55 R19				TEST VEHICLE: Audi Q7						
TEST LOCATION: IDIADA (E)			v _{REF} [km/h]: 80				LOAD FL/FR/RL/RR: 640 / 667 / 659 / 650 kg				INFLATION FL/FR/RL/RR: 190 / 200 / 195 / 195 kPa				LEGAL LIMIT [dB(A)]: 72		
TIRE BRAND	T _{Surface} [°C]		Run 1	Run 2	Run 3	Run 4	Run 5	Run 6	Run 7	Run 8	$\bar{v}$	$\bar{L}$	$\bar{a}$	L _R	K(9 _{ref} -9)	L _R (9 _{ref})	Noise level ECE R117 [dB(A)] (Limit for PM: 71 dB(A))
		v [km/h]	72,4	74,1	76,3	78,7	82,6	84,3	86,2	87,5	0,000457	72,36	38,5	72,34	-0,19	72,15	71
		L [dB(A)]	70,7	71,5	71,9	72,4	73,3	73,3	74,0	74,3							
		R [dB(A)]	70,8	70,2	71,4	71,7	73,2	72,3	73,3	73,4							
ROLLING NOISE LEVEL [dB(A)] (MEASURED, TEMP. CORRECTED VALUE)										NOISE LEVEL [dB(A)] (ECE TYPE APPROVAL VALUE)							
PIRELLI SCORPION 3 66 67 68 69 70 71 72 73 72,15										PIRELLI SCORPION 3 66 67 68 69 70 71 72 73 71							