

EP-MARATHON – RUNFLAT SYSTEM

MADE IN GERMANY –
FOR THE TOUGHEST
CONDITIONS.

<EP>
EUROPLAST-NYCAST



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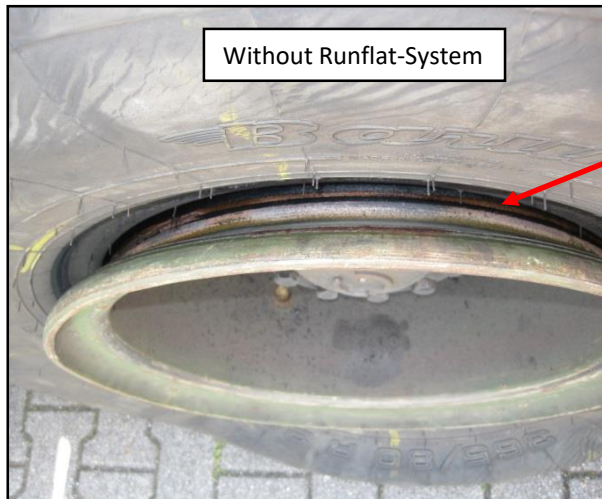
EUROPLAST – NYCAST GmbH

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Wheels without
air pressure with
built in
EP Runflat-Systems



Wheels without Runflat-
Systems with tire beads
slipping from the rim flange.



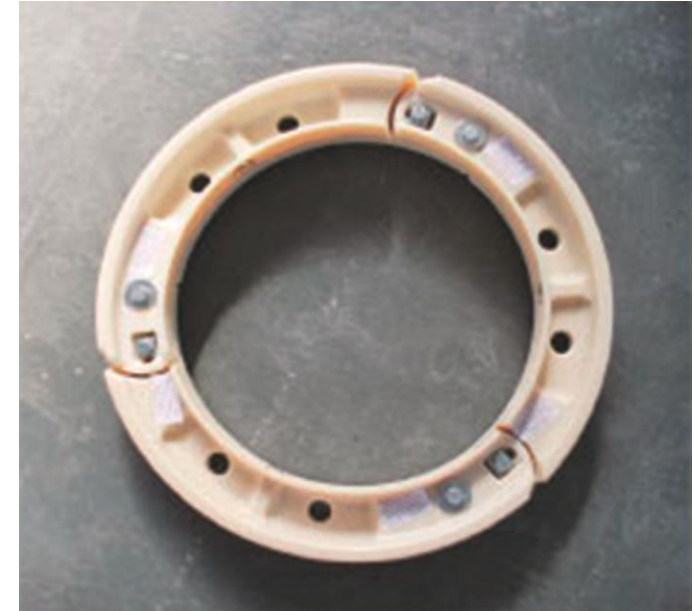
Use of the systems in various types of vehicles



2-parts



3-parts



The company Europlast-Nycast uses for its emergency systems a highly resilient, impact-resistant material.

An elastomer modified cast polyamide.

These systems have the same outer dimensions but a smaller volume than competitive products and are therefore lighter.



Assembly machines

Tests carried out so far



Overview Runflat Testing



Runflat as multi-part system made of elastomer modified cast polyamid

Wheel Size	rim		Tire size	Load (kg)	Runflat Ø	with Gunfire	Test Procedure Driving (Distance result)					Rolling fatigue test		Date	Testing center *	Comment
	size	design *	Tire brand	Weight	FINABEL A.20.A		FINABEL 20.A.5	50 km/h	other	A.20.A	50 km/h					
16"	16 x 6"	O	225/75 R16C Pirelli Carrier	1.400 kg	570 mm 8 kg							43 km	03/2019	TÜV		
17"	17 x 8"	O	265/65 R17 Bridgestone Dueller	1.400 kg	590 mm 8 kg				57 km				01/2016	ATP TÜV		
17,5"	17,5 x 6,75"	O	245/75 R17,5 Bridgestone M729	2.400 kg	655 mm 15 kg					80 km *			09/2017	ATP	* 50 km mit 26 km/h 30 km mit 40 km/h	
18"	18 x 8,5"	O	275/65 R18 Cooper Disc. A/T	1.620 kg	630 mm 11 kg				50 km				12/2015	ATP TÜV		
18"	18 x 8,5"	O	275/70 R18 JRZ Maxxis Bravo	2.050 kg	690 mm 18 kg						100 km		11/2018	TÜV		
20"	20 x 10"	M	385/85 R20 Pirelli Pista	4.140 kg	830 mm 32 kg		81 km						07/2015	ATP TÜV	Version with crushing grooves	
20"	20 x 10"	M	14.00 R20 Michelin XZL	4.520 kg	920 mm 47 kg		115 km						01/2016	ATP TÜV	Version with crushing grooves	
20"	20 x 10"	M	14.00 R20 Michelin XZL	4.500 kg	920 mm 47 kg		104 km						03/2020	ATP	Version with later spacer elastics rings	
20"	20 x 10"	M	395/85 R20 Michelin XZL	5.600 kg	885 mm 53 kg	x		60 km					06/2020	ATP	Version with later spacer elastics rings	
20"	20 x 10"	M	395/85 R20 Michelin XZL	5.620 kg	885 mm 53 kg	x	135						07/2020	ATP	Version with later spacer elastics rings	
Comment: Rim design: O = One Pieces drop centre rim M = Multi pieces flat base rim																
All tests are stopped due to defective tires. The Runflats were still intact and could have been driven further.																
* Testing Center and Certification Institute: "ATP" Automotive Testing Papenburg GmbH in Papenburg - Germany "TÜV" TÜV NORD Mobilität GmbH & Co. KG in Essen - Germany																

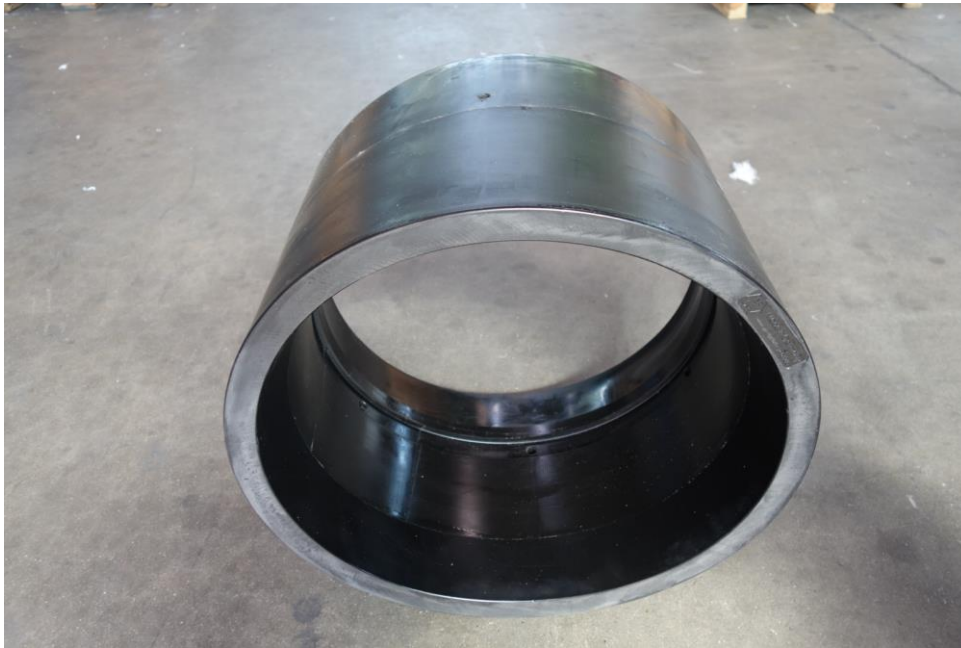


Extract from our reference list

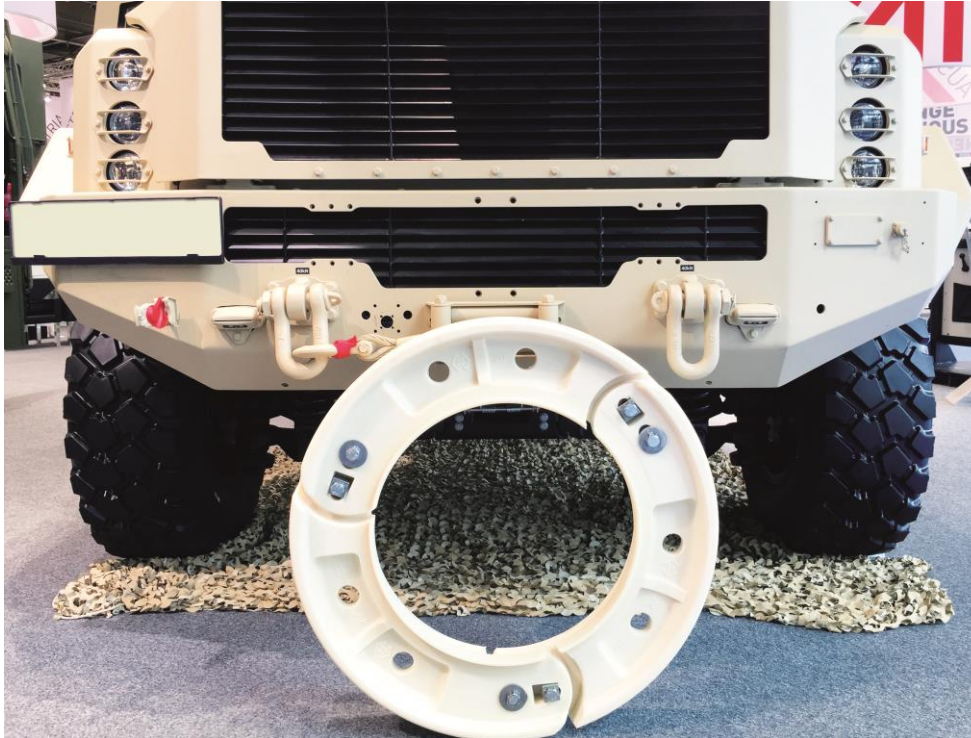
15"	Mahindra Innova	15 x 6"	single piece
	Mahindra Bolero	15 x 6"	single piece
	Peugeot Boxer	15 x 6"	single piece
	Toyota Hilux	15 x 7"	single piece
16"	Iveco Daily	16 x 5"	single piece
	MB Sprinter, VW-Crafter	16 x 5,5"	single piece
	Isuzu Coaster	16 x 5,5"	single piece
	Toyota Hilux / Corolla, MB-Sprinter	16 x 6"	single piece
	Fiat Ducato	16 x 6"	single piece
	VW - T5	16 x 6,5"	single piece
	Ford Transit	16 x 6,5"	single piece
	MB Sprinter, TLC 76	16 x 6,5"	single piece
	Land Rover Defender 110	16,5"	TLC 100
	GMC Savana	16,5x9"	single
	SHIBL 1	17"	Toyota Landcruiser 180
			Toyota Avalon
			Toyota Landcruiser 200
			Toyota Hilux
			Jeep J8, Toyota Prado, Ford F350
17"			Toyota Fortuner, Mitsubishi
			Toyota Landcruiser 200
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			Toyota Landcruiser 200
			Toyota Landcruiser 200
17,5"			Isuzu Coaster
			MAN
			MB Sprinter
			Armoured Bus
			MB Sprinter
18"			Toyota Landcruiser 200
			Scorpion
			Grand Cherokee
			Toyota Landcruiser 200, Nissan Patrol
			APC
			Ford Expedition
			Mercedes Benz - G
			Toyota Lexus LX570
			Toyota Landcruiser 200
			Toyota Landcruiser 200
			Toyota Landcruiser 200
			Toyota Landcruiser 200

19"	Personal Bus	19 x 7,5"	single piece	245/55 R19	China
	Mercedes S - Class	19 x 8,5"	single piece	275/55 R19	Germany
19,5"	Ford F350	19,5 x 6"	single piece	225/70 R19,5	U.A.E.
		19,5 x 6"	single piece	225/75 R19,5	U.A.E.
		19,5 x 7,5"	single piece	275/70 R19,5	Germany
	Armoured Bus	19,5 x 7,5"	single piece	285/70 R19,5	Türkei
	Ford F550	19,5 x 8,25"	single piece	305/70 R19,5	Israel
20"	Toyota Lexus	20 x 8"	single piece	275/60 R20	U.A.E.
	Toyota Lexus	20 x 8,5"	single piece	265/60 R20	Germany
	GMC Yukon Denali, MB G-Modell	20 x 8,5"	single piece	275/55 R20	Germany, U.A.E.
	MB G-Modell	20 x 9,5"	single piece	275/50 R20	Germany
	Armoured vehicles	20 x 10"	multi-piece	14.00 R20	Finnland, Germany, U.A.E.
	Armoured vehicles	20 x 10"	multi-piece	335/80 R20	U.A.E.
	Armoured vehicles	20 x 10"	multi-piece	365/85 R20	Ägypten, Austria, U.A.E.
	Armoured vehicles	20 x 10"	multi-piece	395/85 R20	Austria, Ukraine, Süd Afrika, U.A.E.
	Ford F550	20 x 11"	multi-piece	335/80 R20	India, Israel, Süd Afrika, U.A.E.,
	Armoured vehicles	20 x 11"	multi-piece	365/80 R20	Austria, Tschechien
22,5"	Personal Bus	22,5 x 6,75"	single piece	255/80 R22,5	China
	MB - Atego	22,5 x 7,50"	single piece	275/70 R22,5	Germany
	Personal Bus	22,5 x 7,50"	single piece	275/80 R22,5	China
	Personal Bus	22,5 x 8,25"	single piece	295/80 R22,5	China, Germany, Israel, Taiwan
	MAN - TGS	22,5 x 9"	single piece	315/60 R22,5	Spain
	Fire Engine, Armoured vehicles	22,5 x 9"	single piece	315/80 R22,5	Austria, China, Germany, Honkong, Israel, Spain, U.A.E.
	Armoured vehicles	22,5 x 9"	single piece	13.00 R22,5	Germany, India
	MAN - TGS	22,5 x 11,75"	single piece	385/60 R22,5	Spain
	Fire Engine, Armoured vehicles	22,5 x 11,75"	single piece	385/65 R22,5	Austria, Germany, Hongkong
	Fire Engine	22,5 x 14"	single piece	445/55 R22,5	U.A.E.
25"	Fire Engine	25 x 14"	multi-piece	445/80 R25	Austria
27"	Armoured vehicles Boxer	27 x 9"	multi-piece	418/80 R685	Germany

Expanding (Beadlock) Rings



Contact person



Your contact person is always available for you at short notice:

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oder

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Please specify in your inquiry:

- Quantity
- Wheel load
- Rim size
- Tire size



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