

CONTACT US

Tel: +82 55 374 8812 - Fax: +82 55 363 8814 Email: service@terapads.com

17-36,4th Road, Eogok Industrial Park, Yangsan City, 50591, South Korea

PRODUCT CATALOGUE TERAPADS

Quality • Customer Satisfaction • Sustainability

Built to Endure, Conquer Every Terrain



EXPERIENCE

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TERAPADS's manufacturing facility is situated in an environmentally sustainable location that optimizes the use of natural energy resources. The factory is adjacent to a vast rubber tree plantation and benefits from strong sunlight available for nearly 300 days a year.

TERAPADS BRAND OVERVIEW

TERAPADS was conceived with an awareness of the environmental crisis brought up by global warming. We recognize the necessity of continuing earthmoving projects for cultural development and enhancing the quality of life for humanity, despite the acceleration of global warming due to machine operation by-products and deforestation. To address this, TERAPADS has focused on optimizing fuel efficiency through a custom-engineered product design, developed based on more than a decade of experience and extensive data in manufacturing excavator rubber track pads.

Furthermore, we are dedicated to allocating 10% of our profits to tree planting initiatives, ensuring that our world remains a habitable and thriving environment. In addition to our environmental commitment, we also acknowledge the significance of product quality, ensuring that our customers maintain the highest levels of work efficiency by minimizing downtime while optimizing resource utilization and reducing unnecessary material waste.

These combined efforts have enabled TERAPADS to successfully deliver unmatched cost savings in machine operation, solidifying our dedication to both customer satisfaction and environmental sustainability.



ABOUT THE MAKER

With over a decade of experience in producing rubber track pads, TERAPADS is dedicated to delivering the high-quality products necessary to achieve customer satisfaction.

OUR COMMITMENT .

We are committed to offering unparalleled savings in total operational costs as part of our brand philosophy



KEY BENEFITS OFTERAPADS

TERAPADS enhance traction and stability, protect surfaces, reduce noise and vibrations, and improve undercarriage performance. Our products offer versatility, cost-effectiveness, and environmental benefits for various construction applications.

Using low-quality excavator track pads can result in increased wear and tear, frequent maintenance, and costly downtime. Subpar products compromise efficiency, leading to longer project timelines and greater financial losses in the long run.

To address these common issues, TERAPADS has developed innovative solutions that overcome the drawbacks of inferior track pads. Below are the most frequently observed problems and how **TERAPADS** resolves them.

Frequent Problem #1 Separation of rubber from steel plate



In this field, customers frequently report that they cannot use their equipment due to the detachment of relatively new rubber pads. This issue indicates weak adhesion between the rubber and the metal base.

Solution

Utilizing our proprietary bonding technique strengthens the rubber-to-steel bonding, which has been developed from collecting extensive data obtained from testing up to 24 adhesion samples per day in a controlled testing setup over several years.



TEST SETTING

TYPICAL PRESENTATION ON BRAND A RUBBER-TO-STEEL INTERFACE

In a controlled testing setup, samples from both TERAPADS and alternative brand A were evaluated. The resulting comparison graph, as shown below, illustrates the performance differences between the products.





(mm)



TYPICAL PRESENTATION ON TERAPADS RUBBER-TO-STEEL INTERFACE

KEY BENEFITS OF TERAPADS

Frequent Problem #2 Shortened service life due to rubber defect







Customers who opted for lower-cost rubber track pads frequently report that they replaced the pads only a year after due to various issues with the rubber, including rapid wear, tearing, delamination, and other defects.

Solution

Utilizing a custom-engineered rubber compound surpasses the performance of the natural rubber compounds used by many competitors, providing superior resistance to premature aging caused by heat, ultraviolet radiation, ozone, and abrasion. Additionally, this advanced material offers enhanced tear resistance compared to natural rubber, further demonstrating its superiority for outdoor usage of excavator rubber track pads.

Tear-resistant Rubber compound

Higher Stability with proprietary tread pattern

> UV-resistant Rubber compound

BRAND A vs TERAPADS

Resistant to flaking, decaying and cracking

Resistant to tear-off (Anti-chunking)

Resistant to abrasion (Wear resistance)

Consistency of rubber compound

Fuel Efficienty (Low Drag force)

Outdoor Usage (Resistant to Heat, UV light, Ozone)

A comprehensive analysis was conducted to evaluate the durability of TERAPADS in comparison to an alternative brand available in the market. As demonstrated by the wear-rate test outcomes shown on the right, the test results provide compelling evidence that TERAPADS exhibit markedly enhanced durability.

Wear-test result

TEI Kemoved Rupper 100 200 300





TERAPADS

BRAND A

TeraPads.com

TERAPADS SIZE SPECIFICATION

PRODUCT MODEL	W	L	H	P1	P2	Bolt (d)
230	65	255	37	8 <u>1</u> 8	70	M12
250	68	245	37	1.	200	M12
300	68	295	37		200	M12
350	68	345	37		200	M12
350 A2	108	345	38	46	250	M12
400 A2	108	395	38	46	300	M12
400 A2W	108	395	38	46	300	M12
450 A2	125	445	49	58	350	M14
450 B2	108	445	38	46	350	M12
500 A4	135	495	59	60	400	M16
500 A7	132	495	72	69	400	M20
500 A7W	132	495	72	69	400	M20
500 BH4	135	505	53	60		M16
600 A4	135	595	59	60	500	M16
600 A7	142	595	70	69	400	M20
600 A9	165	590	73	74	400	M20
600 B7	135	595	72	65	400	M20
700 A4	135	695	59	60	600	M16
700 A7	142	695	70	69	500	M20
700 A9	155	695	75	74	500	M20
800 A7	142	795	70	69	600	M20



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TeraPads.com

PRODUCT MODEL (ER	230	250	300	350A2	400A2	
CAT	ME15 / MM15T 64 301.5CCR 72 017CR 74	MM20CR,SR,T 7 302CCR 8 302CSR 8	6 ME25/MM20CR 76 0 MM25/MM25T 80 0 ME30/MM30 82 MM30B/MM30T 82 MM30R/MM30T 82 MM30R/MM30T 82 MM30R-1~3 82 MM30SR-1~3 82 MM35/MM35B 86 MM35/MM35B 86 MM40CR-1~3 86 303CR/CSR 86 303SR/CR/ECR 86 303.5CCR 92 303.5CR 92 303CR 102 0305R/ESR 86 0405R/ESR 86		050SR 78 304CR 76 304CCR 80 305CCR,5R 76 305CCR,DCR,E2CR 80 305.5CR,DCR,E2CR 80 MM45 74 MX45/MX45D 74 MM40CR/T 76 MM45/B/T 76 MM55SR-2 76 MM57SR 76 MX55 76	
KOBELCO	SK013 64 SK014/015 64 SK13SR 72 SK15SR 74 SK17SR-3,5 72	SK20SR 7 SK20UR/SR-2 7 SK20SR-3.5 7 SK25SR-2 7 SK27SR-3.5 8	8 SK024/025-1,2 78 4 SK25SR-1 SK027/030-1.2 82 8 SK30SR-6 90 8 SK30SR-1/UR-1,2 82 2 SK30UR-3,5 84 SK30SR-5,6 90 SK35SR-2,3,5 90 SK38UR-6 90		SK40SR,-2,3 72 SK042/045-2 76 SK40SR-5 76 SK45SR-1,2,6 76 SK50SR,-5 76 SK50UR,-2,3,5 76 SK55SR-6 76	
KOMATSU	PC05-7/PC07 64 PC12MR/PC15R-8 64 PC15MR 72 PC18MR-2,3 72	PC10-5,6,7 7 PC10N-7 7 PC12UU-2 7 PC20R-8 7 PC20MR-1,2,3,5 7 PC20UU-2,3,5 7 PC20UU-2,3,5 7 PC20FR-2 8	6 PC15-2,3/20-7 80 6 PC25R-8/27MR 80 6 28UU-2,3 8 8 PC20-1~6/25-1 86 8 30-1~7 8 30FR-2 PC30UU-3 10001~12900) 9 9 7 9 30FR-2 PC30UU-2 PC30UU-3 10001~12900) 86 PC30UU-3 12901~) PC30UU-5,6 9 PC30MR-2,3,5 88 PC38UU-2 88 PC38UU-2 PC38UU-3 7001~9000) 88 PC38UU-3 9001~) 86 PC38UU-5 88 PC38MR-3	PC40MR-3 74	PC40-6 74 PC40-7 76 PC40MR-2 78 PC45MR 76 PC50UU-2 76 PC50MR-2 78 PC55MR-3 78 PC58UU-3 78	
нітасні	EX12 64 EX14 64 EX15 64 EX15U/UR 74 ZX15UR 74 ZX17U-2,5A 72	EX18-2 EX22/22-2 7 EX20U-1 7 EX20U/UR-2.3 8 ZX20UR-5 7 ZX20U-5 7 ZX22U-2 8 7	4 EX25-2 80 4 EX27U 78 6 EX30UR-2 84 8 EX30-2/30U/33U 84 8 EX30UR-3.5 86 0 EX35 84 8 EX35-2 EX35U/ZX35U 88 EX40UR-2 86 EX40UR-3 88 ZX27U 80 ZX30U/UR 84 ZX30U-2,5 88 ZX35U-2,3,5 88 ZX40UR-2,3,5 88		EX40-1,2/EX40U 76 EX40U-2 78 EX45-1,2 78 EX50UR 76 EX55UR-1~3 76 EX58MU 78 ZX40U (~7000) 76 ZX50U (~7000) 78 ZX50U (~2,3,5 76 ZX55UR-1 78 ZX55UR-1 78	
SANY	SY16C SY18C		SY26U SY35U		SY50U SY60C	
DOOSAN	DX17Z-5		DX30Z-7 DX35Z-7		DX50Z-7	
LIUGONG	9017F ZTS 9018F		9027F 9035E		906E	
VOLVO	EC15E EC18E EC20E		ECR25D EC27D EC35D ECR35D ECR35D ECR40D		ECR50 ECR58 EC60E	
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Instruction

(1) Remove any unneeded items from the metal shoe when TERAPADS is attached to the machine.
(2) When putting TERAPADS on the metal shoe, be sure to secure washers and nuts from beneath into TERAPADS.
(3) First, use a powerful wrench to tighten TERAPADS, then use another wrench to make it even tighter.
(4) Operate the machine briefly, then adjust the nuts to the correct tightness. Do this every 100 hours.
(5) Always examine the tightness of the nuts before using the machine.

(6) Use the following torque settings for tightening nuts: M12 -80Nm, M14-115Nm, M16-175Nm, M20-340Nm

Caution

- (1) TERAPADS is primarily for use on roads and sidewalks.
- (2) If you use the machine in different settings, remove objects that might cause TERAPADS to detach or deform.
- (3) When inspecting the machine, also assess the tightness of the TERAPADS nuts and bolts.
- (4) Avoid making quick turns on uneven surfaces or sharp objects.
- (5) Keep TERAPADS clear of mud and other unwanted materials.
- (6) Ensure no oil, fuel, or slippery substances touch TERAPADS's rubber parts.(7) To transport the machine with TERAPADS to another location, utilize a large vehicle or a trailer.
- (8) Refrain from exposing TERAPADS to sunlight, rain, or snow for extended periods.





PRODUCT MODEL MAKER	450A2 600A2	450B2	500A4 600A4 700A4	500A7	500BH4
CAT	307B/C/D 76 308BCR,BSR 88 308CCR,SRVD 80 308CSR,DSR,ESR 80 308DCR,E2CR 80 E70 84	E70B/307 84 30755R 84 308BSR 88 308BCR 88	311C,CU,DCR,DRR 82 311FLRR 86 312B,C,D,E,F 86 313B,C,D,CR 86 313B,C,D,CR 86 313BSR,BCR 86 314C,D,DCR,ECR 86 314F 86	315C 82	
KOBELCO	SK60-2.3 76 SK75UR-1.2 76 SK60SR 78 SK70SR-1.2 76 SK75UR-3.5 78 SK75UR-3.5 78 SK90UR 80 SK95UR 80		SK04,-2 82 SK045N-2 86 SK100-1,2 82 SK115SR 82 SK120-2,3 88 SK120-2,3 88 SK120SR,-5 88 SK130UR 88 SK135SR,-2,-3,-5 88 SK120LC-2 92 SK135SRLC 92	SK135LC 90 SK170 90	
KOMATSU	PC60-6 74 PC60-7,70-7 76 PC70FR-1 78 PC75UU-1~3 78 PC78UU-5,5,8,10 78 PC78UU-3,5,6,8,10 78		PC100-6 #47025~ 80 PC120-6 #66115~ 84 PC120-6E0 #70001~ 84 PC120SC-6 #10202~ 84 PC130-6 #53176~ 86 PC120-8,11 86 PC128US-2 84 PC128US-2 84 PC128US-2 84 PC128US-2 84 PC128US-2 84 PC128US-2 86 PC138US-2 86 PC150-5 86 PC158US-2 82	PC160LC 88	PC100-5 80 PC100-6 #40001~47024 PC100N-6 76 PC120-5 PC120-6 #45001~66114 #45001~66114 84 PC128US-1 84 PC128US-2 #~9000 PC128UU-1 PC128UU-2 #~6000 PC130U-2 #~6000 PC130-6#45001~ 84 S3175 PC138US-2 #~4000
HITACHI	EX60-1∼3 74 EX60-5 80 EX60LCT-3 76 EX60LC-5 78 EX75UR-1∼3 80 EX75UR,URT-5 80 EX80U 78 ZX70,-3 80 ZX70LC 80 ZX75UR,-1,3,5 78 ZX75US-1,3,5 78 ZX80LCK,-3 80		EX100-1.2.3.5 82 EX100M-3 94 EX120-1 86 EX120-2.3.5 88 EX130K-5 88 EX135US/USR 88 ZX100M 82 ZX110,-3 82 ZX120,-3,6,125US 88 ZX130K,HG 88 ZX135US,-3,-5,-6 88 ZX135UR 88 ZX140US 88		
SANY	SY75C SY80U SY95C		SY135C SY155U SY155H		
DOOSAN	DX60R-7 DX65-7 DX65MT-7 DX65W-7 DX85R-7		DX100W-7		
LIUGONG	908E 909ECR		913E 913FCR 915E 915FCR		
	ECR88D	CARE CONTRACT	EC140E		

PRODUCT MODEL MAKER	600A7 700A7 800A7		600A9		600B7 700B7		700A7		700A9	
CAT	320B/CU 320BL 320D/DRR 320DL 321B/D 321DLCR 322 322MM 322CL	90 98 90 98 90 98 94 98 94 98 102	330D 345	98 104			325D 320DL	90 96		
KOBELCO	SK200-2.6.8 SK210 SK200LC-6 SK220LC SK225LC SK230 SK235SR SK235SRLC SK250LC	92 92 98 98 104 96 94 102 102	SK310 SK320 SK320LC SK335/350 SK350LC/400LC SK430LC/450LC SK480LC/500LC	90 90 96 90 100 100 100						
KOMATSU	PC150-5 PC210-6-8 PC200-6,-8,-10,-11 PC210LC PC220-8 PC228US-3 PC228US-3 PC228US-8,-10,-11 PC230 PC230-7 PC220LC/PC230LC	90 90 98 94 90 90 90 90 98 102	PC300-6 PC300LC-6 PC350-6 PC350LC PC400 PC400LC PC450LC	96 98 90 96 92 98 98	PC228UU-2 PC228US-2	90 90	PC200LC-8 PC200SC PC220LC-8	98 98 98	PC300LC PC400 PC450LC	98 92 98
нітасні	ZX200-3,-5,-6 ZX200LC-5,-6 ZX210 ZX210LCH EX200-2~5 EX210-3 EX210H-5/K-5 EX200LC-2~5	92 98 92 98 92 92 92 92 98	ZX270 ZX270LC ZX330 ZX330LC/345LC ZX350 ZX398 ZX400LC ZX450LC	90 98 90 96 90 98 106 106	ZX225USR ZX225USRLC ZX230 ZX230LC ZX240 ZX240LC ZX250 ZX250LC	92 98 94 102 94 102 94 102				第二二二次の主
SANY	SY215C SY215C LC SY215ACE Y225C		SY265C SY305C LC SY305H SY335C SY365H SY375H SY390H SY415H SY500H SY550H SY550H SY550H SY550H		SY245H	日本である			SY365C	
DOOSAN	DX150LC-7 DX150LCR-7		DX240LC-7 DX240LC-7X DX240LC-7X DX320LC-7 DX320LC-7 DX400LC-7 DX550LC-7							
LIUGONG	920E 922E 922F 925E		926F 930F 933E 936E 936F 939F 942EHD 950E 952E							
VOLVO										CLER NO PROVIDE
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