POHONG®

TIRE PROTECTION CHAINS

Zunhua Pohang protection chain manufacturing Co., Ltd

遵化市浦项保护链制造有限公司

TIRE PROTECTION CHAINS AND SNOW CHAINS SOLUTIONS FOR TIRE WEAR—SUPPLIERS







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安装轮胎保护链原因解析

轮胎防护链是专为矿山、工矿、工程等恶劣作业环境研发的轮胎专用防护装置，主体采用高强度合金钢锻造，通过交错链条结构紧密包裹轮胎胎面与胎侧。

作业时由链条直接承接地面摩擦、硬物冲击与尖锐物料切割，避免轮胎直接接触粗糙路面，有效杜绝扎破、起皮、偏磨等异常损耗，显著延长轮胎使用寿命。同时，防护链可大幅提升轮胎抓地力，增强车辆防滑、爬坡能力，解决重载作业打滑、车身不稳等难题，保障施工安全。

浦项提供“一站式全流程”服务，可根据车型、作业场景精准匹配适配产品，涵盖定制、安装、检修与售后，全方位满足各类重载设备的轮胎防护需求。

REASONS FOR INSTALLING TIRE PROTECTION CHAINS

Tire protection chains are professional protective devices for harsh mine, industrial and construction working environments. Forged from high-strength alloy steel, the interlocking chain structure closely covers tire treads and sidewalls.

The chains bear ground friction, hard object impacts and sharp object cuts, isolating tires from rough road surfaces. This effectively prevents tire punctures, peeling and uneven wear, greatly extending tire service life. Meanwhile, they boost tire traction and vehicle anti-slip & climbing performance, eliminating slippage and instability in heavy-duty operation to ensure construction safety.

POOHONG provides one-stop full-process services. We customize, install, maintain and offer after-sales support tailored to different vehicles and working scenarios, fully meeting the tire protection demands of various heavy-duty equipment.





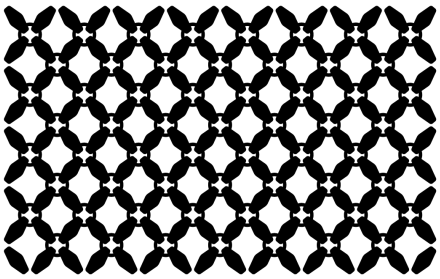


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浦项解决方案
节省轮胎、时间与成本

POOHONG SOLUTIONS
SAVE ON TIRES, TIME, AND COSTS

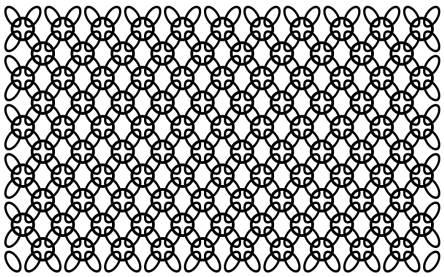
LINK AND RING
节环连接



节块宽大，接触面积大，防滑、爬坡能力优秀。

The tread blocks are wide, providing a large contact area and excellent traction and hill-climbing performance.

RING AND RING
环环连接

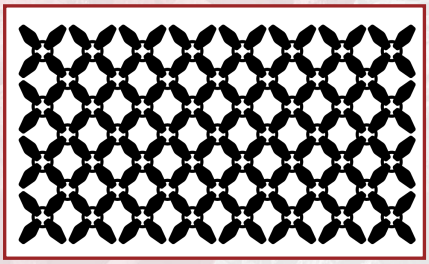


轮胎滚动时跟随性更好，拍打胎面力度小，降低对轮胎侧壁、胎肩磨损。

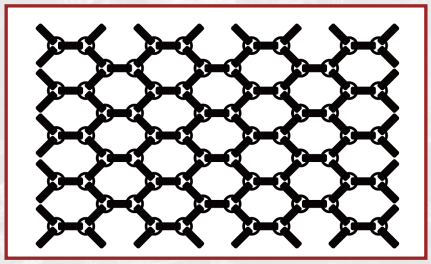
The tire offers better tracking performance when rolling, with less impact on the tread, which reduces wear on the tire sidewalls and shoulders.

三种不同的链网配置提供
保护型、保护+牵引型、牵引型

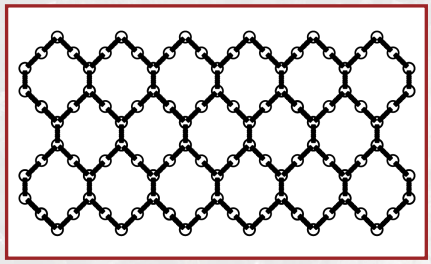
THREE CHAIN- NET CONFIGURATIONS AVAILABLE
PROTECTION-ONLY, PROTECTION + TRACTION, TRACTION-ONLY



4X4 保护型
4x4 Protective Type



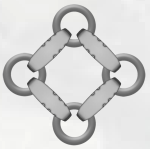
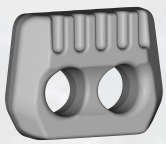
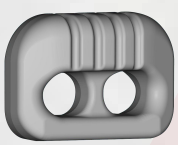
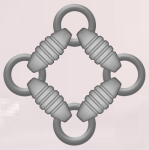
6X6 保护+牵引型
6x6 Protection + Traction Type



10X10 牵引型
4x4 Traction-only Type

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挑选最适合您场景的轮胎保护链
CHOOSE THE TIRE PROTECTION CHAINS BEST SUITED FOR YOUR SITUATION

Link code		Link size L*W*H (mm)		Ring size Φ (mm)	Tyre Size
1513		77*30*38		Φ 13/52	from 1000-20 to 23.5-25
1914		80*27*47.5		Φ 14/52	from 1000-20 to 17.5-25
dajinya		84*45.5*48		Φ 14 52/55	from 1000-20 to 23.5-25
2316 or 2116		85*39*52 85*39.5*49		Φ 14/55	from 1200-24 to 26.5-25
301 or 401		88*45*59 98*52*68		Φ 18/56 Φ 20/62	from 23.5-25 to 45/65-45
401S					
201F		75*20*57		Φ 16/55	
Ring ring		35.5*20.5*70		Φ 16/55	from 23.5-25 to 29.5-25
601 or 701		97*36*65 107*39*70		Φ 22/75 Φ 23/75	from 55.5/80 - 57L5 to 70/70 - 57L5

链条维修节与维修环
CHAIN REPAIR SECTIONS AND REPAIR RINGS

Ring size Φ (mm)		Weight (g)		Weight (g)
Φ 14		270		348
Φ 16		560		390
Φ 18		663		653
Φ 22		1478		1471
Φ 14/16		430/580		
Φ 18		735		
Φ 22		1533		





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在露天泥泞湿滑场景 安装轮胎防滑链的重要性!

露天雨雪、积水造成的泥泞湿滑路面，摩擦力大幅降低，车辆行驶极易出现轮胎打滑、空转、跑偏等问题，制动距离也会大幅增加，极易引发溜车、追尾等安全事故。

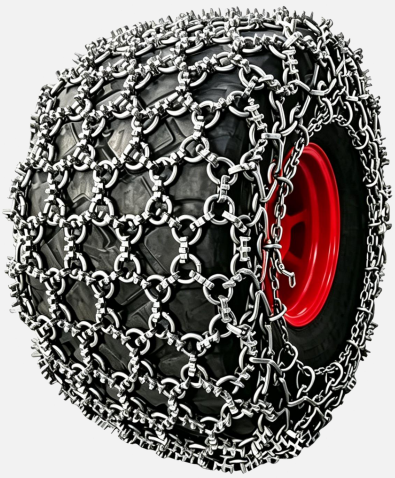
此时，安装轮胎防滑链至关重要，防滑链可牢牢咬合路面，极大提升轮胎抓地力，有效杜绝打滑、陷车情况，稳定车辆行驶轨迹，缩短制动距离，提升行车稳定性与安全性。

无论是日常通行、户外作业还是应急出行，加装防滑链都是泥泞湿滑路况下，低成本、高效的行车安全防护手段。

IN A MUDDY, SLIPPERY OUTDOOR SETTING

Muddy and slippery road surfaces caused by rain, snow, and standing water outdoors result in a sudden drop in friction, making vehicles prone to tire slippage, spinning, and veering off course, while also increasing braking distances and posing risks of vehicles rolling backward or rear-end collisions. Installing tire traction chains is crucial; the chains grip the ground, enhancing tire traction, reducing the risk of slipping and getting stuck, stabilizing the vehicle's path, shortening braking distances, and ensuring driving safety.
Whether for daily commuting, outdoor work, or emergency travel, installing tire chains on muddy and slippery roads is a low-cost and highly effective safety measure.

Link Type: 201F









L: 75*W: 20*H: 57

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在露天矿或井下矿山开采中安装轮胎保护链的重要性!

在露天矿、井下矿山开采作业中，路面遍布碎石、尖锐岩块，极易割伤、刺穿大型轮胎，造成高昂损耗与停机损失。

安装轮胎保护链可防护胎面免受冲击、穿刺，减少轮胎破损报废，延长使用寿命。同时增强轮胎抓附力，降低打滑陷车风险，保障车辆稳定运行，减少停工维修。是矿山重载运输场景里，降低运营成本、保障安全生产的关键防护装备。

对于露天矿或井下矿山恶劣开采场景，浦项提供定制专属轮胎保护链以确保其作业的安全性。

THE IMPORTANCE OF INSTALLING TIRE PROTECTION CHAINS IN OPEN-PIT OR UNDERGROUND MINING OPERATIONS!

In open-pit and underground mining operations, the ground is littered with gravel and sharp rock fragments, which can easily cut or puncture large tires, resulting in high wear and tear costs and downtime losses.

Installing tire protection chains shields the tread from impacts and punctures, reducing tire damage and scrappage while extending service life.

For the harsh mining conditions found in open-pit and underground mines, POSCO offers custom-designed tire protection chains to ensure operational safety.









浦项保护链定制：轮胎测量方法
CUSTOMIZED PROTECTION CHAIN TIRE MEASUREMENT METHOD

如：图1

1. 轮胎数据测量方法：
Tire data measurement method:

如果您要进行保护链定制，需要将轮胎进行测量，测量如下：
W1=胎面； W2=断面； H=轮胎高度。

If you want to customize the protective chain, you need to measure the tire as follows:
W1 = Tread; W2 = Cross-section ;
H = Tire height.



2. 铲运机/装载机挡泥板距离轮胎尺寸：
Scraper/loader mudguard distance from tire size:

如果您是铲运机，需要测量挡泥板距离轮胎的间隙。
h1/h2/h3=轮胎距离挡泥板距离。

If you are a loader, you need to measure the clearance between the mudguard and the tire 。
H1/h2/h3=distance between tire and mudguard.

