

Orica Papua New Guinea Price List July 1 2012 - December 31 2012

Dear customer,

It is our pleasure to submit to your attention our National price list for PNG. We want to attract your attention to new items in our price list:

- All prices are in PNG Kina (PGK) and are Ex Work our magazine complex in Lae, PNG
- **PNG stock:**
This means Orica PNG will keep small quantities of these products in our magazine in Lae.
Please make sure to contact our logistic team if you intend to use these products on a regular basis.
- **Supply contract:**
Orica PNG is happy to offer even further savings, if you are interested in entering into a supply agreement

We would like to take this opportunity to highlight Orica's commitment to deliver:

- **Safety and Sustainability Excellence:** Orica has a vision of "no injuries to anyone ever" and "value people and the environment" and we are committed to working with you to achieve outstanding results on safety and sustainability;
- **Operational Excellence:** We are committed to the highest operating standards in the industry to ensure we do all that we can to assist you in meeting your production objectives;
- **Supply Chain Reliability:** Orica sources AN from a number of AN Plants in the Australia and Asia Region. We also have a dedicated initiating systems plant in the region with back up plants as part of our global network. We understand the critical importance of Delivering In Full and On Time (DIFOT) and are committed to ensuring we can supply to forecast;
- **Product Quality:** Orica continues to invest substantially in R&D and manufacturing capability to ensure we deliver quality products which will meet your needs; and
- **Technical Service:** Orica's technical service team is passionate about working with you to identify opportunities for improvements in efficiency and productivity in your operations.

Price List Information

Customers are advised that from the 1 July 2012 the revised Orica National Price List for Mining Services in PNG will take effect, superseding previous price lists. Orica has made every effort to ensure that the information listed herein is correct at the time of publication. The prices of products and services contained in this Price List apply from 1 July 2012 and are subject to alteration to prices ruling at the delivery date.

Orica provides a leading position on Product supply, integrity, safety, reliability, latest technology and endeavors to lower the overall cost of resource extraction for our customers by supplying the most appropriate Products, Services and advice.

Please ask your nearest Customer Service Representative for more details.
Papua New Guinea: +67 5 472 3633 **Australia:** 1300 303797

Distribution

When placing your order with your Customer Service Representative, please outline your requirements. Unless otherwise stated, pricing is from the nominated Orica stock centre. You may arrange to collect your goods from our magazine or alternative delivery arrangements may be made for your convenience. Regulatory requirements regarding the collection and transportation of explosives may vary across different jurisdictions. Appropriate identification and vehicles will be required. Collection is subject to compliance with the relevant regulatory requirements.

Product Range

Please note that not all products listed are available from all magazine stores and minimum order conditions may apply. For product availability, and terms please contact your Customer Service Representative. Extended range and specialty products are also available in some lines.

Trademarks

Amex, Anzomex, Connectadet, Cordtex, Develdet, eDev, Enduradet, Goldet, i-kon, Magnum, Nitropril, Powerfrag, Powergel, Senatel, Powersplit, Pyrosplit, Pyromex, SHOTPlus, Stopeprime, Tangle-Free, Buster, Exel, Pentex, and uni tronic are trademarks of Orica Group Companies.

With our best regards,



Denis Brassard
Country Manager, PNG & Solomon Islands
Orica PNG

Papua New Guinea Price List 2012

Mining Services

Initiating Explosives

Detonating Cord

Cordtex™

Standard Products for use as downlines and/or trunklines.

Code	Product	Core Loading g/m	Reel Length	Reels/Box	PGK/Box
CC5PCL	Cordtex 5P Det Cord	5.0g	500m	2	PGK 4,491.66
CC10PCL	Cordtex 10P Det Cord	10.0g	350m	2	PGK 3,900.20
CC10PHTPH	Cordtex Pyrocord	10.0g	350m	2	PGK 6,022.56

Boosters

Pentex™

Standard Products for the initiation of high explosives and blasting agents.

Code	Product	Weight	No./Box	PGK/Box	PGK/Each
PP25D	Pentex D Primer	25g	150	PGK 1,260.00	PGK 8.40
PPG110PH	Pentex G Primer	110g	90	PGK 1,719.90	PGK 19.11
PPH150PH	Pentex H Primer	150g	80	PGK 1,640.00	PGK 20.50
PPSP250PH	Pentex Stopeprime	250g	30	PGK 851.40	PGK 28.38
PPP400	Pentex PowerPlus P	400g	30	PGK 995.70	PGK 33.19

Detonators

Exel™ Range

Exel™ Develdet™ & Exel Goldet™ Detonators

Exel™ Develdet™ are a non-electric system for initiation of development faces and stoping applications. Combines 200 ms surface delay with 5000 ms in-hole delay.

Exel™ Goldet™ are a non-electric system for hole by hole initiation with combined in-hole and low shrapnel surface delay. Combined 25ms Surface Delay, 400ms Down Hole Delay.

Exel™ Develdet™ and Exel™ Goldet™ are not standard products. These items are available upon request and conditions apply.

Code	Length	No/Box	PGK/Box	PGK/Each
DGF12.25/400U1	12m	50	PGK 2,074.50	PGK 41.49
DGF18.25/400U	18m	40	PGK 2,220.40	PGK 55.51
DGF07.200/5000U	7.3m	80	PGK 2,521.60	PGK 31.52

Exel™ Millisecond (MS) Detonators

Non-electric detonators for use as in-hole delays. Packaged in Tangle-Free™ configuration to provide easy deployment.

Standard delays 12 to 15 for 3.1m. Standard delays 12 to 15.5 for 6.1m, Standard delays in 12 and 14 for 7.3m and delays 12, 14, 15 and 15.5 for all other lengths.

Code	Product	Length	No./Box	PGK/Box	PGK/Each
DMM03.XXU	MS	3.6m	210	PGK 2,988.30	PGK 14.23
DMM06.XXU	MS	6.1m	150	PGK 2,716.50	PGK 18.11
DMM09.XXU	MS	9m	80	PGK	PGK 22.97

DMM12.XXU	MS	12m	80	1,837.60	PGK	PGK 26.44
DMF15.XXU	MS	15m	50	2,115.20	PGK	PGK 31.32
DMF18.XXU	MS	18m	40	1,566.00	PGK	PGK 37.59
DMF24.XXU	MS	24m	35	1,503.60	PGK	PGK 45.37
				1,587.95		

Millisecond range for extended delays and lengths available on request, conditions apply.

XX = Delay (eg DMM03.12U)

Exel™ Lead in lines (LIL)

Non-electric detonators for primary initiation of surface blasts. Standard length 300m.

Code	Product	Length	No./Box	PGK/Box	PGK/Each
DLL.060U	LIL	60m	16	PGK	PGK 111.68
				1,786.88	
DLL.150U	LIL	150m	8	PGK	PGK 246.78
				1,974.24	
DLL.300U	LIL	300m	3	PGK	PGK 527.04
				1,581.12	

Exel™ Connectaline™

Standard Exel™ signal tube for initiation of surface blasts.

Code	Product	Length	No./Box	PGK/Box	PGK/Each
DLL.700U	LIL	700m	2	PGK	PGK 955.63
				1,911.26	

Exel™ Connectadet™

Detonators

For fast, simple hook-up and effective initiation of Exel™ signal tube. Standard length up to 15m in delays 17ms, 25ms, 42ms, 65ms and 100ms

Code	Length	No./Box	PGK/Box	PGK/Each
DCN03.XXX U	3.6m	180	PGK 3,398.40	PGK 18.88
DCN05.XXX U	4.9m	160	PGK 3,707.20	PGK 23.17
DCN06.XXX U	6.1m	140	PGK 3,546.20	PGK 25.33
DCF09.XXX U	9m	70	PGK 2,210.60	PGK 31.58
DCF12.XXX U1	12m	50	PGK 2,002.50	PGK 40.05
DCF15.XXX U	15m	50	PGK 2,411.50	PGK 48.23
DCF18.XXX U	18m	40	PGK 2,280.80	PGK 57.02

Connectadet range for extended delays available on request, conditions apply.

Exel™ Enduradet™ Detonators

Heavy duty non-electric detonators for extra strength and extended sleep time for use as in-hole delays.

Packaged in Tangle-Free™ or spool configuration for easy deployment.

Code	Length	No./Box	PGK/Box	PGK/Each
DHM12.XXU	12m	80	PGK 3,463.20	PGK 43.29
DHF15.XXU	15m	50	PGK 2,488.00	PGK 49.76
DHF18.XXU	18m	40	PGK 2,282.80	PGK 57.07

XX = Delay (eg. DHF18.15U).

Delay detonators 1 to 36 are available for Underground mining, conditions apply.

Exel™ MS Connectors (MSCs)

Standard Product signal tube based delay connectors designed to introduce accurate delays into surface detonating cord trunklines.

Code	Product	No./Box	Nominal Delay Times	Colour	PGK/Box	PGK/Each
DMC.017U	MSC	125	17ms	Yellow	PGK 3,512.50	PGK 28.10
DMC.025U	MSC	125	25ms	Red	PGK 3,512.50	PGK 28.10
DMC.042U	MSC	125	42ms	White	PGK 3,512.50	PGK 28.10
DMC.065U	MSC	125	65ms	Blue	PGK 3,512.50	PGK 28.10

Exel™ Long Period (LP)**Detonators**

Exel™ LP (Long Period) Detonators. Standard delays are 0 to 15

Code	Product	Length	No./Box	PGK/Box	PGK/Each
DLM03.XXU	LP	3.6m	210	PGK 2,925.30	PGK 13.93
DLM05.XXU	LP	4.9m	180	PGK 2,806.20	PGK 15.59
DLM06.XXU	LP	6.1m	150	PGK 2,649.00	PGK 17.66

Electric Detonators

Code	Product	No./Box	PGK/Box	PGK/Each
DEC03A.XX	Carrick II Delays 1-10	400	POA	POA
DEI04.00A	Instantaneous II	256	PGK 5,667.84	PGK 22.14

Electronic Detonators**i-kon™ Digital Energy**

Programmable electronic detonators for use in quarries, underground stoping and open cut applications.

Code	Product	Length	PGK/Each	PGK/Box
DPIRX.XXX	i-kon™ Digital Energy Control	10 to 80m	POA	POA

uni tronic™**600**

Programmable Electronic Detonators - Suitable for most applications - limited pressure/shock resistance. uni tronic™ 600 Standard Detonators (1.1B Packaging)

Code	Product	Length	PGK/Each	PGK/Box
DPU600.XX	uni tronic™ 600	9 to 37m	POA	POA

eDev™

The eDev™ system is an electronic blasting system specifically designed for tunneling; providing the accuracy and flexibility of electronic timing at a reasonable price.

Code	Product	Length	PGK/Each	PGK/Box
DPED.XX	eDev™ Detonator	6m	POA	POA

**Packaged
Explosives****Special Use Explosives**

Code	Product	Size	ListPGK/Box
ESPT26x400	Senatel Powersplit 26mmx400mm (17kg)	26mm x 400mm	PGK 1,099.92
ESPER32X4 00	Senatel Permitted 1000	32mmx400mm	POA
ESPY50x220	Senatel Pyromex 50x220mm	50mmx220mm	POA

Senatel™ Magnum™**Small Diameter Range**

Senatel™ Magnum™ is a robust detonator sensitive emulsion explosive formulated to maximise fragmentation and muckpile movement in tough blasting applications.

Code	Product	Diameter/Length	PGK/Box
ESM25x200	Senatel Magnum 25mm x 200mm	25mm x 200mm	PGK 1,097.19
ESM25x700	Senatel Magnum 25mm x 700mm	25mm x 700mm	PGK 1,074.02
ESM32x200	Senatel Magnum 32mm x 200mm	32mm x 200mm	PGK 1,063.86
ESM32x700	Senatel Magnum 32mm x 700mm	32mm x 700mm	PGK 1,040.82

Senatel™ Powerfrag™

Intermediate Diameter Range

Senatel™ Powerfrag™ is a robust detonator sensitive explosive formulated to maximise fragmentation and muckpile movement.

Code	Product	Diameter/Length	PGK/Box
ESPF45x400	Senatel Powerfrag 45mm x 400mm	45mm x 400mm	PGK 946.41
ESPF55x300	Senatel Powerfrag 55mm x 300mm	55mm x 300mm	PGK 920.26
ESPF65x300	Senatel Powerfrag 65mm x 300mm	65mm x 300mm	PGK 913.82
ESPF80x400	Senatel Powerfrag 80mm x 400mm	80mm x 400mm	PGK 913.82

Packaged**Anfo**

The AMEX series is a range of density specific ANFO blends designed to cover a broad spectrum of dry blasting applications

Code	Product	PGK/bag
LAX 20	Amex 20kg Bag - 50 bags per pallet	PGK 357.93

Ammonium Nitrate Nitropril

Code	Product	PGK/tonne
AN25	Nitropril in 25kg bag	POA
ANBB	Nitropril in 1.05 tne tote bag	POA

Explosives Accessories

Code	Product	Unit of Sale	PGK/Unit
Detonating Cord Cutters			
XCORCUT	Detonating Cord Cutter	Each	PGK 187.83
XCORJSTYL E	Easy Cord Cutter (10 bag)	Bag	PGK 187.66
Connecting Wire			
XCONTWIN	Twin Twist 500m-23swg	Reel	PGK 394.30
Non Electric Starter			
XSTKIT	Shot Shell Starter Kit	Each	PGK 867.94
Electric Exploders			
XEXP10	Ausdet Stinger 10 Shot	Each	PGK 2,448.86
XEXP100	Ausdet Stinger 100 Shot	Each	PGK 5,907.25
XEXPSHAF	Schaffler 806S 100 Shot	Each	PGK 10,705.68
XEXPBMK7	Beethoven Mk7* 100 Shot	Each	PGK 13,768.07
XEXPKEY	Key for Ausdet Exploder	Each	PGK 130.02
Testing Equipment			
XTESTCT100	CT100 Digital Ohmmeter	Each	PGK 1,340.62
XTESTBMK7	Beethoven	Each	PGK 2,595.01

	Energy Tester Mk7		
XTESTSHAF	Schaffler 806S Energy Tester	Each	PGK 2,304.04
XFUSEELEC	Instantaneous Electric Fusehead (60 box)	Each	PGK 14.20
XTESTDZ3	Digital Ohmeter Circ	Each	PGK 4,278.84
Shot Firing Cable			
XSFCW	100m Gen Duty White	Reel	PGK 183.62
XSFCY	100m Heavy Duty Yellow	Reel	PGK 725.01
Hoses			
XLO20X30	Lo Stat 20mm x 30m	Coil	PGK 1,360.42
XLO25X60	Lo Stat 25mm x 60m	Coil	PGK 5,245.03
XLO25X35	Lo Stat 25mm x 35m	Coil	PGK 2,632.70
XPHOSE20x200	UG Bulk Delivery Hose 200m	Coil	PGK 10,537.35
Retention Devices			
XBHRS75	Borehole retention spring 75mm (420 box)	Each	PGK 5.28
XPLUGBRU SH150X225	150mm DIA, 225mm LGT	Each	PGK 30.01
Spiders			
XSHELL	*Autoprime Shell (190 box)	Each	PGK 5.67
XSPIDER 100-160	100-160mm (40 box)	Each	PGK 8.05
XSPIDER 60-100	60-100mm (70 box)	Each	PGK 2.55

Blast Design Software SHOTPlus™5

Orica's fifth generation of SHOTPlus™ blast design software enables advanced design, analysis and optimisation of blast plans.

The new SHOTPlus™5 software has extensive blast initiation design capabilities and supports Orica's pyrotechnic and electronic blasting systems. It allows engineers and shotfirers to design, analyse and optimise blast initiation sequences in surface mining, quarry and construction applications.

Code	Product	\$/Each
XSP5	SHOTPlus™5 Annual Licence Fee	2500
XSP5PREMIER	SHOTPlus™5 Premier Installation Fee	5000
XSP5PREMIERLIC	SHOTPlus™5 Premier annual licence Fee	4000