



PRODUCT COMPATIBILITY TABLES

INITIATING SYSTEMS

July 2017

Australia Pacific and Indonesia





Pentex™ BOOSTERS RECOMMENDED FOR HOLE DIAMETER/EXPLOSIVE COMBINATIONS

| Product | Hole Diameter (mm) | | | | | | | | | | |
|-------------|--------------------|-----------|---------------------|-----------|-----------|-------------------|------------|---------------|---------------|-----|--|
| | 38 | 45 | 64 | 76 | 89 | 102 | 115 | 160 | 200 | 300 | |
| ANFO | | | Pentex™ Stopeprime™ | | | | | | | | |
| | | Pentex™ G | | | | | Pentex™ GL | | | | |
| | | | | Pentex™ H | | | | | Pentex™ PP900 | | |
| | | | | | | Pentex™ ProTECT-e | | | | | |
| | | | | | | | | | | | |
| Fortis™ | | | | Pentex™ H | | | | Pentex™ GL | | | |
| | | | | | | | | Pentex™ PP900 | | | |
| | | | | | | Pentex™ ProTECT-e | | | | | |
| Fortan™ | | | | Pentex™ H | | | | Pentex™ GL | | | |
| | | | | | | | | Pentex™ PP900 | | | |
| | | | | | | Pentex™ ProTECT-e | | | | | |
| Flexigel™ | | | | Pentex™ H | | | | Pentex™ GL | | | |
| | | | | | | | | Pentex™ PP900 | | | |
| | | | | | | Pentex™ ProTECT-e | | | | | |
| Aquacharge™ | | | | Pentex™ H | | | | Pentex™ GL | | | |
| | | | | | | | | Pentex™ PP900 | | | |
| | | | | | | Pentex™ ProTECT-e | | | | | |
| Subtek™ | | | Pentex™ Stopeprime™ | | | | | | | | |
| | | Pentex™ G | | | | | Pentex™ GL | | | | |
| | | | | Pentex™ H | | | | | Pentex™ PP900 | | |
| | Pentex™ D | | | | | Pentex™ ProTECT-e | | | | | |
| | | | | | | | | | | | |
| Civec | | | Pentex™ Stopeprime™ | | | | | | | | |
| | | Pentex™ G | | | | | Pentex™ GL | | | | |
| | | | | Pentex™ H | | | | | Pentex™ PP900 | | |
| | Pentex™ D | | | | | Pentex™ ProTECT-e | | | | | |
| Centra™ | | | | Pentex™ H | | | | Pentex™ GL | | | |
| | | | | | | | | Pentex™ PP900 | | | |
| | | | | | | Pentex™ ProTECT-e | | | | | |
| Vistis™ | | | | | Pentex™ H | | | Pentex™ GL | | | |
| | | | | | | | | Pentex™ PP900 | | | |
| | | | | | | Pentex™ ProTECT-e | | | | | |
| Vistan™ | | | | | Pentex™ H | | | Pentex™ GL | | | |
| | | | | | | | | Pentex™ PP900 | | | |
| | | | | | | Pentex™ ProTECT-e | | | | | |



COMBINATION OF INITIATING AND PACKAGED EXPLOSIVES

| RECEPTOR DONOR | Senatel™ Powerfrag™ | Senatel™ Magnum™ | Senatel™ Permitted™ 1000 | Impact Series | Amex™ | Simex™ | Amex™ LD Series | Senatel™ Pyromex™ |
|-------------------------------------|--|---------------------|-----------------------------|---------------|-------|--------|-----------------|-------------------|
| | Detonator | | | | | | | |
| Electric Instantaneous II Detonator | Y | Y | N | N | N | N | N | N |
| Carrick II Electric Detonator | N | N | Y | N | N | N | N | N |
| Electronic Detonator | | | | | | | | |
| eDev™ II | Y | Y | N | N | N | N | N | N |
| i-kon™ III | Y | Y | N | N | N | N | N | N |
| uni tronic™ 600 | Y | Y | N | N | N | N | N | N |
| Exel | | | | | | | | |
| Lead in Line | N | N | N | N | N | N | N | N |
| MS & LP Detonator | Y | Y | N | N | N | N | N | Y |
| Enduradet™ | Y | Y | N | N | N | N | N | Y |
| Goldet™/Develdet™ | Note: Goldet™/Develdet™ should be considered as Connectadet™ or MS detonator, depending on the donor/receptor combination being applied. | | | | | | | |
| Detonating Cord | | | | | | | | |
| Cordtex™ 3.6W | N | N | N | N | N | N | N | N |
| Cordtex™ 5P | N | N | N | N | N | N | N | N |
| Cordtex™ 5W | N | N | N | N | N | N | N | N |
| Cordtex™ 5WUG | N | N | N | N | N | N | N | N |
| Cordtex™ 10P | Y | Y | N | N | N | N | N | N |
| Cordtex™ Pyrocord | N | N | N | N | N | N | N | Y** |
| 40 RDX LS Detonating Cord | N | N | N | N | N | N | N | Y*** |
| Boosters | | | | | | | | |
| Pentex™ D | N | N | N | N | N | N | N | N |
| Pentex™ G | N | N | N | Y | Y | Y | Y | N |
| Pentex™ H | N | N | N | Y | Y | Y | Y | N |
| Pentex™ GL | N | N | N | Y | Y | Y | Y | N |
| Pentex™ PP900 | N | N | N | Y | Y | Y | Y | N |
| Pentex™ ProTECT-e | N | N | N | Y | Y | Y | Y | N |
| Pentex™ Stopeprime™ | N | N | N | Y | Y | Y | Y | N |
| Senatel™ Powerfrag™ | Y | Y | N | Y | Y | Y | Y | N |
| Senatel™ Magnum™ | Y | Y | N | Y | Y | Y | Y | N |

Applicable Temperature Range
(Note Exposure times apply)

** >70 <100°C

*** >101<150°C

For further advice on Hot and High Temperature Blasting contact your local Orica representative.



COMBINATIONS OF DETONATORS, DETONATING CORDS AND BOOSTERS

| | RECEPTOR | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--|-------------------|------------|-----------------|-----|--------------|---------|--------------------|---------------|-------------|-------------|----------------|--------------|----------------------|----------------------|-----------|-----------|-----------|-------------|---------------|-------------------|---------------------|---|
| | Lead in Line | MS & LP Detonator | Enduradet™ | Trunkline Delay | MSC | Connectadet™ | Goldet™ | Bunchdet (Surface) | Cordtex™ 3.6W | Cordtex™ 5P | Cordtex™ 5W | Cordtex™ 5W UG | Cordtex™ 10P | Cordtex™ Pyrocord* * | 40 RDX LS Det Cord** | Pentex™ D | Pentex™ G | Pentex™ H | Pentex™ G L | Pentex™ PP900 | Pentex™ ProTECT-e | Pentex™ Stopeprime™ | |
| Donor | | | | | | | | | | | | | | | | | | | | | | | |
| Detonator | | | | | | | | | | | | | | | | | | | | | | | |
| Electric Instantaneous II Detonator | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y | Y | Y | N | Y |
| Electronic Detonator | | | | | | | | | | | | | | | | | | | | | | | |
| eDev™ II | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y | Y | Y | N | Y | |
| i-kon™ III | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y | Y | Y | Y | Y | |
| uni tronic™ 600 | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y | Y | Y | Y | Y | |
| Exel | | | | | | | | | | | | | | | | | | | | | | | |
| Lead in Line | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | N | N | N | N | |
| MS & LP Detonator | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| Enduradet™ | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| Trunkline Delay | Y | Y | Y | Y | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | N | N | N | N | |
| Millisecond Connector (MSC) | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| Connectadet™ | Y | Y | Y | Y | N | Y | Y | Y | Y | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| Bunchdet (Surface) | Y | Y | Y | Y | N | Y | Y | Y | Y | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| Goldet™/Develdet™ | Note: Goldet™/Develdet™ should be considered as Connectadet™ or MS detonator, depending on the donor/receptor combination being applied. | | | | | | | | | | | | | | | | | | | | | | |
| Detonating Cord | | | | | | | | | | | | | | | | | | | | | | | |
| Cordtex™ 3.6W | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | N | N | N | N | N | Y | Y | N | N | |
| Cordtex™ 5P | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | Y | Y | N | N | |
| Cordtex™ 5W | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | Y | Y | N | N | |
| Cordtex™ 5W UG | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | Y | Y | N | N | |
| Cordtex™ 10P | N | N | N | N | Y | N | N | N | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y | N | Y | |

** Specialised hot ground blasting products to be used in conjunction with site specific blasting procedures. Donor units may not be compatible with hot/high temperature blasting applications. Contact your local Orica Representative prior to use.

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