

# Rupture Disk Cross Reference List for Interchangeable Disks\*

OSECO      BS&B      Fike      Continental      Pro-Quip      Zook

## SOLID METAL PREBULGED

|                        |       |     |     |          |     |
|------------------------|-------|-----|-----|----------|-----|
| Prebulged rupture disk | STD   | B   | P   | STD      | PB  |
| w/ vacuum support (VS) | STDV  | BV  | PV  | STD-VS   | PBV |
| w/ top support ring    | RSTD  | BR  | CP  | R-STD    |     |
| w/ top & bottom ring   | RSTDR | BRR |     |          |     |
| w/ top ring and VS     | RSTDV | BRV | CPV | R-STD-VS |     |

## COMPOSITE DISKS

|   |      |      |       |               |      |
|---|------|------|-------|---------------|------|
| Composite prebulged                               | CO   | D    | HO    | CDC           | D    |
| w/ vacuum support (VS)                            | COV  | DV   | HOV   | CDCV          | DV   |
| w/ Teflon <sup>®</sup> liner on top               | LCO  | PLD  | PLHO  | PL            | TMT  |
| w/ VS & Teflon <sup>®</sup> liner<br>top & bottom | LCVL | PLDV | PLHOV | PLV1          | TMTV |
| Similar to above for low<br>pressure applications | LVCO |      |       |               |      |
| Flat low pressure composite                       | FLCO | AV   | AD    | Enviroseal II | MTM  |

## REVERSE-BUCKLING DISKS

|                      |       |        |  |  |  |
|----------------------|-------|--------|--|--|--|
| Scored rupture disk  | PCR** | S-90** |  |  |  |
| Low pressure disk    | PLR   | JRS**  |  |  |  |
| Medium pressure disk | PRO   | RLS    |  |  |  |

## TWO-WAY DISKS

|   |         |  |  |          |  |
|---|---------|--|--|----------|--|
| Extremely low negative<br>pressure relief | VAPRO   |  |  | Cal-Vac  |  |
| Extremely low positive<br>pressure relief | POSIPRO |  |  | Posi-Set |  |

## GRAPHITE AND GRAPHITE REPLACEMENT DISKS

|                                       |         |      |     |     |        |
|---------------------------------------|---------|------|-----|-----|--------|
| Monoblock (flat face up)              | GRO***  | MB   | GD  | GD  | Mono   |
| Monoblock w/ VS                       | GROV*** | MBV  | GDV | GDV |        |
| Inverted w/ Teflon <sup>®</sup> liner | GRO***  | IMBL | GDL |     | Duplex |

## TRANSPORTATION DISKS

|                           |     |     |  |              |       |
|---------------------------|-----|-----|--|--------------|-------|
| Composite railcar disk    | CRC | TC  |  | Tanksert     | TCP-R |
| Intermodal container disk | ICD | ITC |  | PC-Sert/Icon | ICP   |

## ONE-TIME UNITS

|                       |     |        |      |          |          |
|-----------------------|-----|--------|------|----------|----------|
| Throw away assemblies | OTU | Stakul | S_10 | Titeseal | Threaded |
|-----------------------|-----|--------|------|----------|----------|

## HYGIENIC DISKS

|                |                       |      |      |         |  |
|----------------|-----------------------|------|------|---------|--|
| Hygienic disks | PRO-S,<br>FAS-S, FM-S | GFRS | SR-H | Sanitrx |  |
|----------------|-----------------------|------|------|---------|--|

\*Oseco warrants the above Oseco disks when used in the proper holder for the competitive disks shown above. The only limitation is that the holder shall be free from damage, rust, scale, corrosion products or any other foreign material that modifies or distorts the geometry of the holder or prevents sealing of the rupture disks. Holder manufacturer's torque values must be utilized.

\*\*For gas/vapor service only.

\*\*\*The GRO is a metal disk encapsulated in Teflon<sup>®</sup> with a Valox<sup>®</sup> spacer attached to the downstream side. It is designed to replace graphite and has the same face to face dimensions.

# Rupture Disk Cross Reference List for Non-Interchangeable Disks\*

OSECO      BS&B      Fike      Continental      Pro-Quip

## FLAT SEAT COMPOSITES

|  |       |  |  |          |       |
|--|-------|--|--|----------|-------|
| Composite prebulged                            | FCO   |  |  | CDC(FS)  | FD    |
| w/ vacuum support (VS)                         | FCOV  |  |  | CDCV(FS) | FDV   |
| w/ Teflon® liner on top                        | LFCO  |  |  | PL(FS)   | FTD   |
| w/ VS & Teflon® liner top & bottom             | FLCVL |  |  | PLV1(FS) | FTMTV |
| Similar to above for low pressure applications | FLVCO |  |  |          |       |

## FORWARD-ACTING SCORED

|                       |     |        |         |         |     |
|-----------------------|-----|--------|---------|---------|-----|
| Forward-acting scored | FAS | GFN/XN | Poly-SD | Micro-X | SFA |
|-----------------------|-----|--------|---------|---------|-----|

## REVERSE-BUCKLING DISKS

|                             |     |          |     |           |     |
|-----------------------------|-----|----------|-----|-----------|-----|
| Scored (gas/vapor only)     | PCR |          | SRX | RCS       | SRA |
| Liquid service              | PLR | CSR/SKr  | SRL | Ultrx     |     |
| Low pressure disk (gas)     | PLR |          |     | StarX     |     |
| Low pressure (gas & liquid) | PLR | Eco-Safe |     | MinitrX   |     |
| Medium pressure disk        | PRO |          |     |           |     |
| Knifeblade assemblies**     | **  | RB-90    | MRK | ZAP & KBA | SB  |

## TWO-WAY DISKS

|  |         |       |  |  |  |
|--|---------|-------|--|--|--|
| Extremely low negative pressure relief | VAPRO   | DKB   |  |  |  |
| Extremely low positive pressure relief | POSIPRO | P/DKB |  |  |  |

\*The above disks have similar operational characteristics but may not be interchangeable into competitive holders (compare Rupture Disk Cross Reference List for Interchangeable disks).

\*\*The use of knifeblade assemblies is discouraged due the possibility of the disk reversing and not opening. This could be caused by damaged or corroded disks or knifeblades. New technologies eliminate the need for this design.

**Only the most common disk styles are shown on the preceding lists. Contact Oseco for a cross-reference for any style not shown.**

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