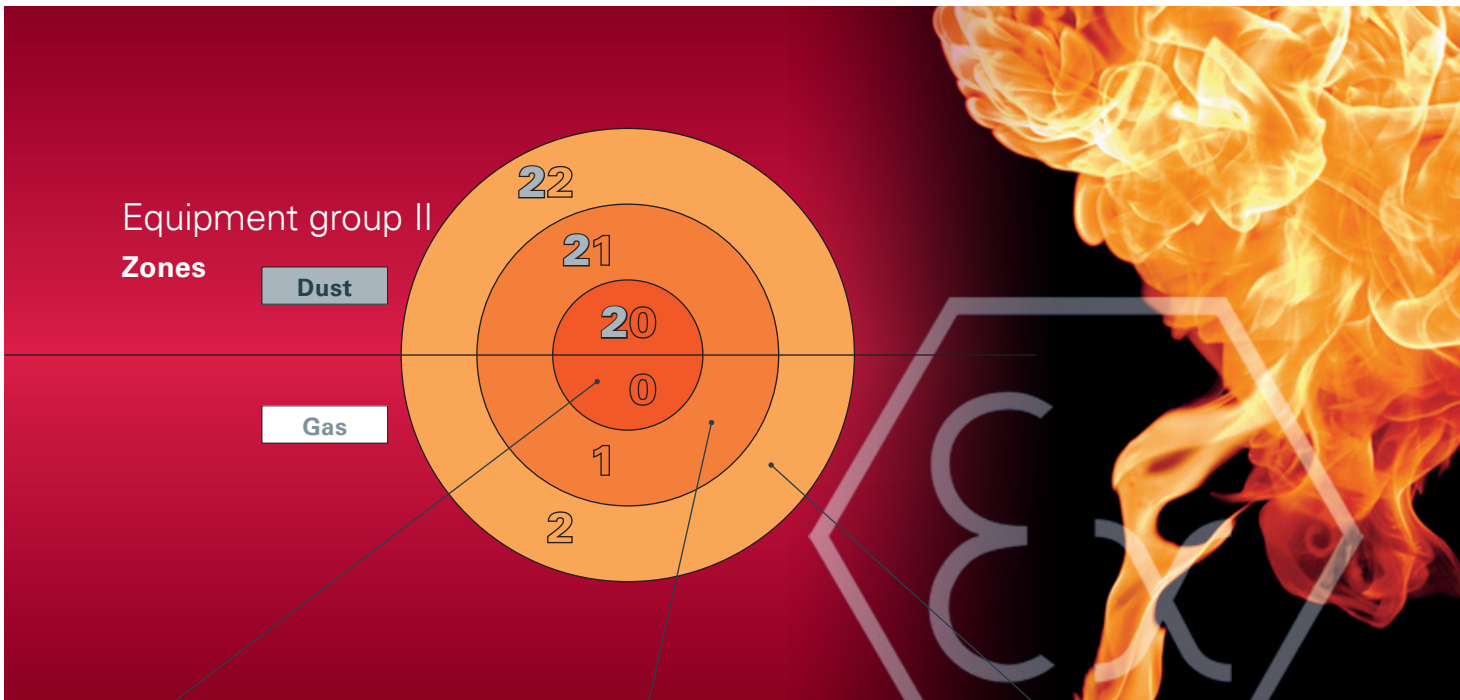


→ Valves and ATEX!

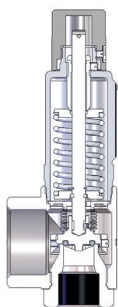
■ WITH GOETZE YOU CAN REST ASSURED

Goetze valves are fundamentally suitable for use in potentially explosive areas. Consequently they were subjected to a conformity assessment according to the ATEX Product Directive 2014/34/EU. As an independent, notified body, the TÜV Süd was commissioned with the assessment of our products.



Category 1

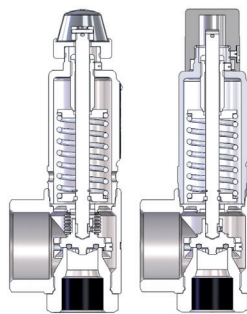
Example: Within a fuel tank or gas tank



Valve with bellows **and** gastight cap

Category 2

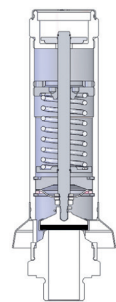
Example: Sewage treatment plant – condensate collecting tank for biogas



Valve with bellows **or** gastight cap

Category 3

Example: Paint shop after extraction system



All valve types possible

Equipment Groups / Categories / Zones / Products Selection Chart for Goetze ATEX Products

| Equipment group I | | Equipment group II | | | | | | | | |
|---|---|--|---|---|--|---------------------------|-----------------------------|--|---------------------------|-----------------------------|
| Equipment for use in <ul style="list-style-type: none"> The mining industry Open cast mining Deep mining | | Equipment for use in other potentially explosive areas | | | | | | | | |
| Category M1 | Category M2 | Category 1 | Category 2 | Category 3 | | | | | | |
| Requirement: extremely high level of safety | Requirement: high level of safety | Requirement: extremely high level of safety | Requirement: high level of safety | Requirement: normal level of safety | | | | | | |
| Operation guaranteed even in the case of rare incidences | Shutdown in case of occurrence of a potentially explosive atmosphere possible | Danger: continuously, frequently, long-term | Danger: occasionally | Danger: rarely or short-term | | | | | | |
| | | <table border="1"> <tr> <td>Zone 0 G Gas</td> <td>Zone 20 D Dust</td> </tr> </table> | Zone 0 G Gas | Zone 20 D Dust | <table border="1"> <tr> <td>Zone 1 G Gas</td> <td>Zone 21 D Dust</td> </tr> </table> | Zone 1 G Gas | Zone 21 D Dust | <table border="1"> <tr> <td>Zone 2 G Gas</td> <td>Zone 22 D Dust</td> </tr> </table> | Zone 2 G Gas | Zone 22 D Dust |
| Zone 0 G Gas | Zone 20 D Dust | | | | | | | | | |
| Zone 1 G Gas | Zone 21 D Dust | | | | | | | | | |
| Zone 2 G Gas | Zone 22 D Dust | | | | | | | | | |

| Safety valves | | | | |
|--------------------|-------------------------|--------------------|-------------------------|-------------------------|
| 420tbGFO; 420tbGFL | 400bGFK, 400bGFP | 420tbGFO; 420tbGFL | 400bGFK, 400bGFP | 451sGK; 451sGL; 451sFK; |
| 451tbGO; 451tbFO; | 420tGFO; 420tGFL | 451tbGO; 451tbFO; | 420tGFO; 420tGFL | 451sFL; 451sGFK; |
| 451tbGFO | 451bGO; 451bGK; | 451tbGFO | 451bGO; 451bGK; 451bGL; | 451sGFL |
| 452tbGO; 452tbGL; | 451bGL; 451bFO; 451bFK | 452tbGO; 452tbGL; | 451bFO; 451bFK; 451bFL; | 452sGO; 452sGL; |
| 452tbFO; 452tbFL; | 451bFL; 451bGFO; | 452tbFO; 452tbFL; | 451bGFO; 451bGFK; | 452sFO; 452sFL; |
| 452tbGFO; 452tbGFL | 451bGFK; 451bGFL | 452tbGFO; 452tbGFL | 451bGFL | 452sGFO; 452sGFL |
| 455tbGO, 455tbGL, | 451tGO; 451tFO; 451tGFO | 455tbGO; 455tbGL; | 451tGO; 451tFO; 451tGFO | 455sGO; 455sGFL |
| 455tbGFO, 455tbGFL | 452bGO; 452bGL; | 455tbGFO; 455tbGFL | 452bGO; 452bGL; | 455sGL; 455sGFO |
| 851tbGO; 851tbFO; | 452bFO; 452bFL; | 851tbGO; 851tbFO; | 452bFO; 452bFL; | 461sGFK; 461sGFL; |
| 851tbGFO | 452tGFO; 452tGFL | 851tbGFO | 452tGFO; 452tGFL | 461sGK; 461sGL; 461sFK; |
| 852tbGO; 852tbGL; | 452tGO; 452tGL; 452tFO; | 852tbGO; 852tbGL; | 452tGO; 452tGL; 452tFO; | 461sFL |
| 852tbFO; 852tbFL; | 452tFL; 452tGFO; | 852tbFO; 852tbFL; | 452tFL; 452tGFO; | 492sGO; 492sGK |
| 852tbGFO; 852tbGFL | 452tGFL | 852tbGFO; 852tbGFL | 452tGFL | 652 |
| 4000tGFO | 455bGO, 455bGL; | 4000tGFO | 455bGO, 455bGL; | 810 / 410 |
| 4020tGFO | 455tGO, 455tGL; | 4020tGFO | 455tGO, 455tGL; | 812 / 412 |
| 4040tGFO | 455bGFO; 455bGFL | 4040tGFO | 455bGFO; 455bGFL | 813 / 413 |
| 4060tGFO | 455tGFO; 455tGFL | 4060tGFO | 455tGFO; 455tGFL | 851sGK; 851sGL; 851sFK; |
| | 460tGFO; 460tGFL | | 460tGFO; 460tGFL | 851sFL; 851sGFK; |
| | 461tGFO; 461tGO; 461tFO | | 461tGFO, 461tGO, 461tFO | 851sGFL |
| | 492tGO | | 492tGO | 852sGO; 852sGL; |
| | 851bGO; 851bGK; 851bGL; | | 851bGO; 851bGK; 851bGL; | 852sFO; 852sFL; |
| | 851bFO; 851bFK; 851bFL; | | 851bFO; 851bFK; 851bFL; | 852sGFO; 852sGFL |
| | 851bGFO; 851bGFK; | | 851bGFO; 851bGFK; | 861sGFK; 861sGFL, |
| | 851bGFL | | 851bGFL | 861sGK; 861sGL; 861sFK; |
| | 851tGO; 851tFO; 851tGFO | | 851tGO; 851tFO; 851tGFO | 861sFL |
| | 852bGO; 852bGL; | | 852bGO; 852bGL; | 2400sGFO; 2400sGFK; |
| | 852bFO; 852bFL; | | 852bFO; 852bFL; | 2400sGFL |
| | 852bGFO; 852bGFL | | 852bGFO; 852bGFL | 2480sGFO; 2480sGFK |
| | 852tGO; 852tGL; 852tFO; | | 852tGO; 852tGL; 852tFO; | 2480sGFL |
| | 852tFL; 852tGFO; | | 852tFL; 852tGFO; | |
| | 852tGFL | | 852tGFL | |
| | 861tGFO; 861tGO; 861tFO | | 861tGFO; 861tGO; 861tFO | |
| | 2400tGFO; 2400tGFL | | 2400tGFO; 2400tGFL | |
| | 2480tGFO; 2480tGFL | | 2480tGFO; 2480tGFL | |
| | 4000tGFP; 4000tGFL | | 4000tGFP; 4000tGFL | |
| | 4020tGFP; 4020tGFL | | 4020tGFP; 4020tGFL | |
| | 4040tGFP; 4040tGFL | | 4040tGFP; 4040tGFL | |
| | 4060tGFP; 4060tGFL | | 4060tGFP; 4060tGFL | |
| | 642 | | 642 | |
| | 645 | | 645 | |
| | 6450 | | 6450 | |
| | 6420 | | 6420 | |

Equipment Groups / Categories / Zones / Products

Selection Chart for Goetze ATEX Products

| Equipment group I | | Equipment group II | | |
|---|---|--|---|---|
| Equipment for use in <ul style="list-style-type: none"> The mining industry Open cast mining Deep mining | | Equipment for use in other potentially explosive areas | | |
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| | | Zone 0 G Gas | Zone 21 D Dust | Zone 2 G Gas |
| | | Zone 20 D Dust | Zone 22 D Dust | |
| Overflow and pressure control valves | | | | |
| 452tbGFU; 452tbGU; 452tbFU 453tbGFO 852tbGFU; 852tbGU; 852tbFU 853tbGFO | 400.5bGFK 417tGFO; 417tGFOC; 417tFO; 417ytGFO; 417ytGFOC 418tGFO 452bGFU 453tGFO; 453bGFO; 453bGFK; 453kGFO 608tGFO 617tGFO; 617tGFOC; 617tFO; 617ytGFO; 617ytGFOC 614tGFO 618tGFO; 618ytGFO 852bGFU 853bGFO; 853bGFK; 853tGFO; 853kGFO 628tGFO; 628tGFL 2580tGFO | 452tbGFU; 452tbGU; 452tbFU 453tbGFO 852tbGFU; 852tbGU; 852tbFU 853tbGFO | 400.5bGFK 417tGFO; 417tGFOC; 417tFO; 417ytGFO; 417ytGFOC 418tGFO 452bGFU 453tGFO; 453bGFK; 453bGFO; 453kGFO 608tGFO 617tGFO; 617tGFOC; 617tFO; 617ytGFO; 617ytGFOC 614tGFO 618tGFO; 618ytGFO 852bGFU 853bGFO; 853bGFK; 853tGFO; 853kGFO 628tGFO; 628tGFL 2580tGFO | 630 / 430 631 / 431 628sFO; 628sGFL 2580sGFO |
| Pressure reducing valves | | | | |
| | 681 / 481 682 / 482 683 484mGO; 484mGFO; 484kGO; 484kGFO 684mGO; 684mGFO; 684kGO; 684kGFO 9000; 9040; 9060; 9160 2980 | | 681 / 481; 682 / 482 683 484mGO; 484mGFO; 484kGO; 484kGFO 684mGO; 684mGFO; 684kGO; 684kGFO 9000; 9040; 9060; 9160 2980 | 683 484mGS; 484kGS; 484mGFS, 484kGFS 684mGS; 684kGS; 684mGFS; 684kGFS |
| Diverter ball valve | | | | |
| | 2700 2780; 2781; 2782; 2783 | | 2700 2780; 2781; 2782; 2783 | |
| Vent valves | | | | |
| | | | | 1940, 1945 1960, 1965 |

Equipment Groups / Categories / Zones / Products

Selection Chart for Goetze ATEX Products

| Equipment group I | | Equipment group II | | | | | | | | |
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| Zone 1 G Gas | Zone 21 D Dust | | | | | | | | | |
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| Shut-off valve | | | | | | | | | | |
| | 2140 2180 | | 2140 2180 | | | | | | | |
| Non-return valve | | | | | | | | | | |
| | 2142 2182 | | 2142 2182 | | | | | | | |
| Dirt trap | | | | | | | | | | |
| | 2143; 685 2183 | | 2143; 685 2183 | | | | | | | |

With Goetze you can rest assured.
Certified explosion protection.

The safety of our customers is of paramount importance to Goetze. That's why Goetze offers more:

- the highest level of safety in all ATEX zones
- reliable advice: which products meet your requirements?
- safe products for each ATEX zone according to TÜV criteria

