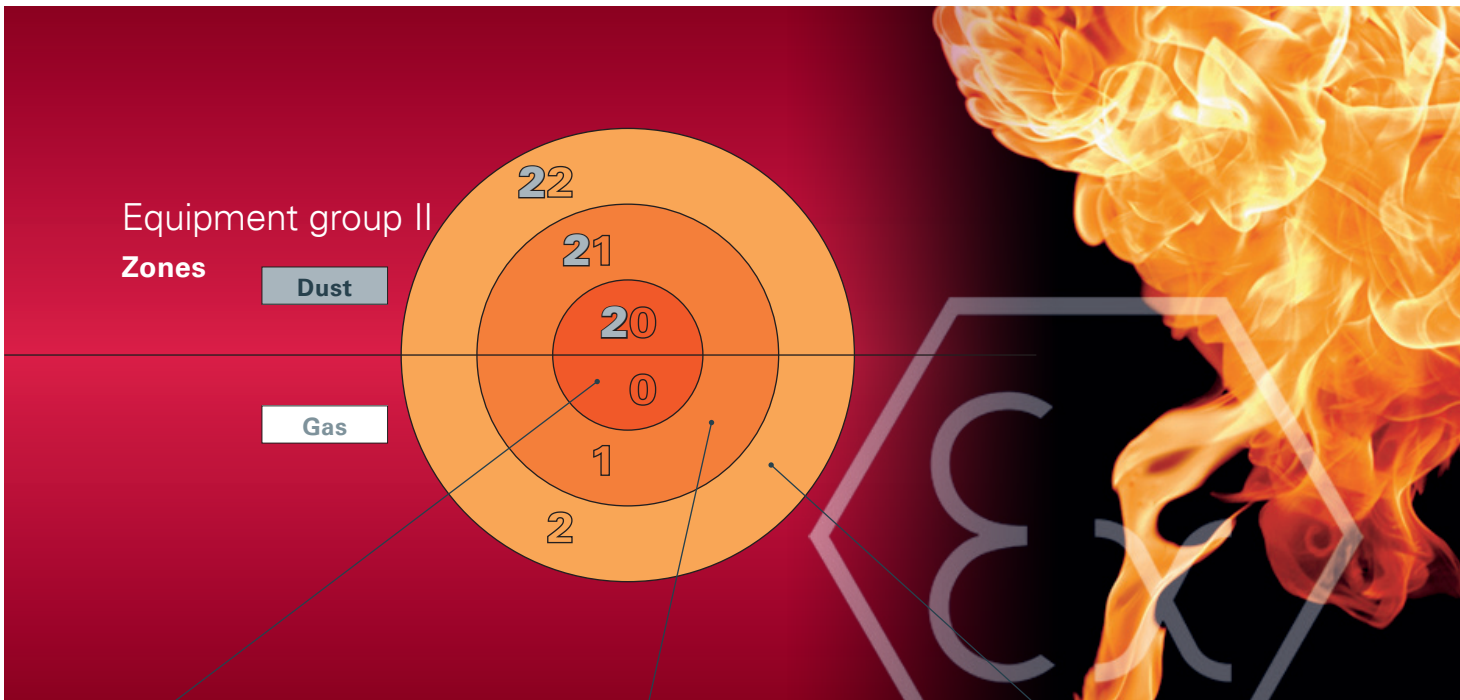


→ Valves and ATEX!

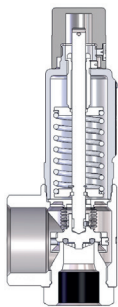
■ WITH GOETZE YOU CAN REST ASSURED

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

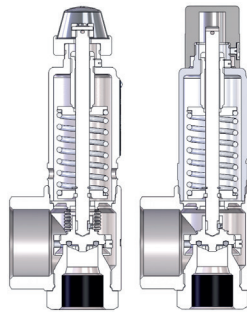
Example: Within a fuel tank or gas tank



Valve with bellows **and** gastight cap

Category 2

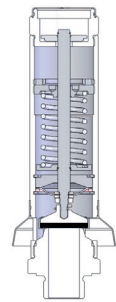
Example: Sewage treatment plant – condensate collecting tank for biogas



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> <th>Zone 0</th> <th>Zone 20</th> </tr> <tr> <td>G Gas</td> <td>D Dust</td> </tr> </table>	Zone 0	Zone 20	G Gas	D Dust	<table border="1"> <tr> <th>Zone 1</th> <th>Zone 21</th> </tr> <tr> <td>G Gas</td> <td>D Dust</td> </tr> </table>	Zone 1	Zone 21	G Gas	D Dust	<table border="1"> <tr> <th>Zone 2</th> <th>Zone 22</th> </tr> <tr> <td>G Gas</td> <td>D Dust</td> </tr> </table>	Zone 2	Zone 22	G Gas	D Dust
Zone 0	Zone 20															
G Gas	D Dust															
Zone 1	Zone 21															
G Gas	D Dust															
Zone 2	Zone 22															
G Gas	D Dust															

Safety valves				
420tbGFO; 420tbGFL 451tbGO; 451tbFO; 451tbGFO 452tbGO; 452tbGL; 452tbFO; 452tbFL; 452tbGFO; 452tbGFL 455tbGO, 455tbGL, 455tbGFO, 455tbGFL 851tbGO; 851tbFO; 851tbGFO 852tbGO; 852tbGL; 852tbFO; 852tbFL; 852tbGFO; 852tbGFL 4000tGFO 4020tGFO 4040tGFO 4060tGFO	400bGFK, 400bGFP 420tGFO; 420tGFL 451bGO; 451bGK; 451bGL; 451bFO; 451bFK 451bFL; 451bGFO; 451bGFK; 451bGFL 451tGO; 451tFO; 451tGFO 452bGO; 452bGL; 452bFO; 452bFL; 452tGFO; 452tGFL 455bGO, 455bGL; 455tGO, 455tGL; 455bGFO; 455bGFL 455tGFO; 455tGFL 460tGFO; 460tGFL 461tGFO; 461tGO; 461tFO 492tGO 851bGO; 851bGK; 851bGL; 851bFO; 851bFK; 851bFL; 851bGFO; 851bGFK; 851bGFL 851tGO; 851tFO; 851tGFO 852bGO; 852bGL; 852bFO; 852bFL; 852bGFO; 852bGFL 852tGO; 852tGL; 852tFO; 852tFL; 852tGFO; 852tGFL 861tGFO; 861tGO; 861tFO 2400tGFO; 2400tGFL 2480tGFO; 2480tGFL 4000tGFP; 4000tGFL 4020tGFP; 4020tGFL 4040tGFP; 4040tGFL 4060tGFP; 4060tGFL 4420; 4450 4100mGFP; 4100mGFO 4100mGFL 4100mFL, 4100mFP 642; 645 6420; 6450	420tbGFO; 420tbGFL 451tbGO; 451tbFO; 451tbGFO 452tbGO; 452tbGL; 452tbFO; 452tbFL; 452tbGFO; 452tbGFL 455tbGO; 455tbGL; 455tbGFO; 455tbGFL 851tbGO; 851tbFO; 851tbGFO 852tbGO; 852tbGL; 852tbFO; 852tbFL; 852tbGFO; 852tbGFL 4000tGFO 4020tGFO 4040tGFO 4060tGFO	400bGFK, 400bGFP 420tGFO; 420tGFL 451bGO; 451bGK; 451bGL; 451bFO; 451bFK; 451bFL; 451bGFO; 451bGFK; 451bGFL 451tGO; 451tFO; 451tGFO 452bGO; 452bGL; 452bFO; 452bFL; 452tGFO; 452tGFL 452tGO; 452tGL; 452tFO; 452tFL; 452tGFO; 452tGFL 455bGO, 455bGL; 455tGO, 455tGL; 455bGFO; 455bGFL 455tGFO; 455tGFL 460tGFO; 460tGFL 461tGFO, 461tGO, 461tFO 492tGO 851bGO; 851bGK; 851bGL; 851bFO; 851bFK; 851bFL; 851bGFO; 851bGFK; 851bGFL 851tGO; 851tFO; 851tGFO 852bGO; 852bGL; 852bFO; 852bFL; 852bGFO; 852bGFL 852tGO; 852tGL; 852tFO; 852tFL; 852tGFO; 852tGFL 861tGFO; 861tGO; 861tFO 2400tGFO; 2400tGFL 2480tGFO; 2480tGFL 4000tGFP; 4000tGFL 4020tGFP; 4020tGFL 4040tGFP; 4040tGFL 4060tGFP; 4060tGFL 4420; 4450 4100mGFP; 4100mGFO 4100mGFL 4100mFL, 4100mFP 642; 645 6420; 6450	451sGK; 451sGL; 451sFK; 451sFL; 451sGFK; 451sGFL 452sGO; 452sGL; 452sFO; 452sFL; 452sGFO; 452sGFL 455sGO; 455sGFL 455sGL; 455sGFO 461sGFK; 461sGFL; 461sGK; 461sGL; 461sFK; 461sFL 492sGO; 492sGK 652sGK 652mFK 810 / 410 812 / 412 813 / 413 851sGK; 851sGL; 851sFK; 851sFL; 851sGFK; 851sGFL 852sGO; 852sGL; 852sFO; 852sFL; 852sGFO; 852sGFL 861sGFK; 861sGFL, 861sGK; 861sGL; 861sFK; 861sFL 2400sGFO; 2400sGFK; 2400sGFL 2480sGFO; 2480sGFK 2480sGFL

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

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; 9061; 9160 2980		681 / 481; 682 / 482 683 484mGO; 484mGFO; 484kGO; 484kGFO 684mGO; 684mGFO; 684kGO; 684kGFO 9000; 9040; 9060; 9061; 9160 2980	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
Shut-off valve				
	2140; 2180		2140; 2180	
Non-return valve				
	2142; 2182		2142; 2182	
Dirt trap				
	2143; 2183 685		2143; 2183 685	

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

