

POLYFLURON[®] product range supplements

Highest safety for flange connections with "Tayson KLETT®"

The effective protection for your operation personnel and your equipment

The applicable directives and guidelines for safety and accident prevention (i. e. European Pressure Equipment Directive, national laws for safe operation of plants, BG Chemie M 004, etc.] demand protection against uncontrolled spray-out of dangerous media at flanged connections.

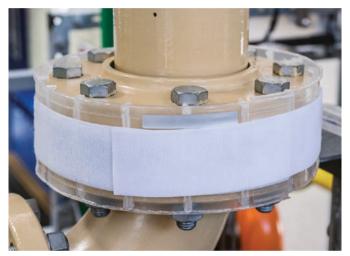
In case of a leakage, the safety tape deflects the spray of media and in doing so reduces the line pressure to atmospheric. For more than 20 years this safety tape is well established in the industry. Now its assembly is even easier due to a hook-and-loop fastener.

Advantages

- Extremely easy and quick assembly
- Closure allows repeated opening/closing and re-tightening
- Ideal for explosion-protected areas (electric screw drivers not required)
- Very long lifetime
- UV and impact resistant suitable for outdoor installation

How does it work?

In case of pipe flange failure, the safety tape reduces the pressure of the leaking media and reduces it to atmospheric pressure. An uncontrolled spray-out of the dangerous media over a wide area in the plant will be prevented by the safety tape. The safety tape can be used also for vertical pipe installations: pins on both sides of the tape provide a good fit on the flanges.



 \uparrow POLYFLURON product range supplements: safety tape



 \uparrow Assembly of the safety tape flange connection

Technical data

DIN 2501 PN 10

- Material: Polypropylene, good chemical resistance, UV and impact resistant
- Operation temperatures: flange surface temp.: -40 °C to +110 °C
- Rolled tape of 50 m continuous length

Assembly

Cut required length depending on flange circumference of safety tape "Tayson KLETT" in right width according to the table above. The ends should be overlapping with approx. 40 – 60 mm/1.6 – 2.4 in. Cut a piece of the included hook-andloop tape, recommended length approx. ¼ of circumference. The hook-and-loop tape can be fixed already at one end for better handling. Place the safety tape tightly around the flange and press the hook-and-loop tape onto the overlapping area.

ANSI B 16.5 150 lb.

Units	tape length			tape width	DN	Units	tape length			tape width
		fixed/fixed	fixed/rotat.	2 rotat.				fixed/fixed	fixed/rotat.	2 rotat.
mm	420	50	50	70	1	in	400	50	50	70
mm	500	50	50	70	1 1⁄4	in	430	50	50	70
mm	530	50	50	70	1 1/2	in	460	50	70	70
mm	580	50	70	70	2	in	540	50	70	100
mm	640	50	70	70	2 1⁄2	in	620	50	70	100
mm	690	50	70	100	3	in	660	70	70	100
mm	750	50	70	100	4	in	780	70	100	100
mm	850	70	70	100	5	in	860	70	100	100
mm	960	70	70	100	6	in	940	70	100	100
mm	1130	70	100	100	8	in	1140	70	100	140
mm	1300	70	100	100	10	in	1340	70	100	140
mm	1460	70	100	140	12	in	1580	100	100	140
mm	1650	70	100	140	14	in	1740	100	140	140
mm	1840	100	100	140	16	in	1940	100	140	140
mm	1995	100	*	*	18	in	2060	100	140	140
mm	2170	100	140	140	20	in	2260	100	140	180
mm	2510	140	180	180	24	in	2620	140	140	180
	mm mm mm mm mm mm mm mm mm mm mm mm mm	mm 420 mm 500 mm 530 mm 530 mm 580 mm 640 mm 690 mm 750 mm 960 mm 1130 mm 1300 mm 1460 mm 1650 mm 1995 mm 2170	fixed/fixed mm 420 50 mm 500 50 mm 530 50 mm 580 50 mm 640 50 mm 640 50 mm 690 50 mm 750 50 mm 960 70 mm 1130 70 mm 1300 70 mm 1650 70 mm 1650 70 mm 1650 70 mm 1840 100 mm 1995 100 mm 2170 100	fixed/fixed fixed/rotat. mm 420 50 50 mm 500 50 50 mm 530 50 50 mm 530 50 50 mm 580 50 70 mm 640 50 70 mm 690 50 70 mm 750 50 70 mm 960 70 70 mm 960 70 70 mm 1130 70 100 mm 1300 70 100 mm 1460 70 100 mm 1650 70 100 mm 1840 100 100 mm 2170 100 40	fixed/fixed fixed/rotat. 2 rotat. mm 420 50 50 70 mm 500 50 50 70 mm 530 50 50 70 mm 530 50 50 70 mm 530 50 50 70 mm 580 50 70 70 mm 640 50 70 70 mm 690 50 70 100 mm 750 50 70 100 mm 960 70 70 100 mm 1130 70 100 100 mm 1300 70 100 140 mm 1460 70 100 140 mm 1840 100 100 140 mm 2170 100 140 140	fixed/fixed fixed/rotat. 2 rotat. mm 420 50 50 70 1 mm 500 50 50 70 1¼ mm 530 50 50 70 1¼ mm 530 50 50 70 1½ mm 580 50 70 1½ mm 640 50 70 70 2 mm 640 50 70 100 3 mm 690 50 70 100 3 mm 750 50 70 100 4 mm 850 70 70 100 5 mm 960 70 70 100 6 mm 1300 70 100 100 10 mm 1300 70 100 140 12 mm 1650 70 100 140 14	mm 420 fixed/fixed fixed/rotat. 2 rotat. mm 420 50 50 70 1 in mm 500 50 50 70 1¼ in mm 530 50 50 70 1½ in mm 530 50 50 70 1½ in mm 580 50 70 70 2½ in mm 640 50 70 70 2½ in mm 690 50 70 100 3 in mm 690 50 70 100 4 in mm 750 50 70 100 4 in mm 960 70 70 100 6 in mm 1300 70 100 100 10 in mm 1300 70 100 140 12	fixed/fixed fixed/rotat. 2 rotat. mm 420 50 50 70 1 in 400 mm 500 50 50 70 1¼ in 430 mm 530 50 50 70 1¼ in 430 mm 530 50 50 70 1½ in 460 mm 580 50 70 70 2 in 540 mm 640 50 70 70 2½ in 620 mm 690 50 70 100 3 in 660 mm 750 50 70 100 4 in 780 mm 850 70 70 100 5 in 860 mm 960 70 70 100 6 in 140 mm 1300 70 100 100 in	fixed/fixed fixed/rotat. 2 rotat. in fixed/fixed mm 420 50 50 70 1 in 400 50 mm 500 50 50 70 1¼ in 430 50 mm 530 50 50 70 1¼ in 460 50 mm 530 50 50 70 1½ in 460 50 mm 580 50 70 70 2½ in 620 50 mm 640 50 70 70 2½ in 660 70 mm 690 50 70 100 3 in 660 70 mm 690 50 70 100 4 in 780 70 mm 850 70 70 100 5 in 860 70 mm 1300 70	fixed/fixed fixed/rotat. 2 rotat. fixed/fixed fixed/rotat. fixed/rotat. mm 420 50 50 70 1 in 400 50 50 mm 500 50 50 70 1¼ in 430 50 50 mm 530 50 50 70 1½ in 460 50 70 mm 580 50 70 70 2 in 540 50 70 mm 640 50 70 70 2½ in 620 50 70 mm 690 50 70 100 3 in 660 70 70 mm 750 50 70 100 4 in 780 70 100 mm 960 70 70 100 6 in 940 70 100 mm 1300 70

* Collars for rotating flanges are not standardized

Technical specifications are subject to change without notice



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