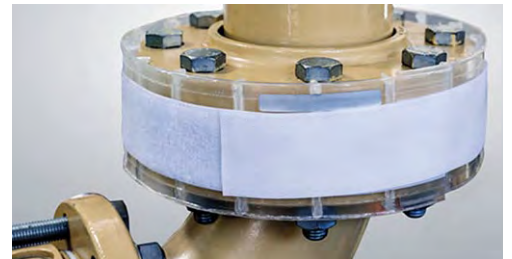


## Spray Prevention Tape for Flange Connection

- approx. 1 mm transparent Polypropylene (PP) with hook-and-loop fastener
- widths 50, 70, 100 and 140 mm, in coils of 50 m length
- 5 mm integrated bridges and clip hooks allow equal distances over the full flange diameter
- temperature resistant from approx.  $-40^{\circ}\text{C}$  to  $+110^{\circ}\text{C}$
- UV light resistant and minimised stress cracking, suitable for installation outdoor
- fit securely on vertically installed pipelines
- unpressurised run-off of media possible due to side outlet aperture, also allowing early leak detection
- additional safety when dismantling flanged joints
- only 2 sizes (50 and 70 mm) cover flange connections from sizes NB 15 to NB 500, thus simplifying stock holding



### Flange connection must be protect by spray prevention tapes if

- aggressive media at temperatures higher than  $60^{\circ}\text{C}$  are being transported
- the working pressure exceeds 1 bar

Self created spray prevention do not seal flanges effectively. Therefore, control of the space between the flange and the spray prevention tapes is not possible. If small leakages are discovered late, the gap between the two flanges become filled with the aggressive medium. As a result bolts and screws are attacked or destroyed, dismantling of the flange connection can then result in serious personal and material risk.

Such self created spray prevention very often expand after short time of use due to change of temperature, ageing and movement, especially on vertically installed pipelines.

In case of minor leakages the media escapes and flows between the flanges and tape. This creates eddies, which reduce the pressure to such a degree that the spraying media become unpressurised.

If the gap between the flange and the spray prevention tape is filled with glass wool, possible leakage is controlled in such a way that only drops are emitted from the spray prevention tape.

#### DIN 2501 PN 10

NB/mm	approx. length mm	width mm		
		FF	FL	LL
25	420	50	50	70
32	500	50	50	70
40	530	50	50	70
50	580	50	70	70
65	640	50	70	70
80	690	50	70	100
100	750	50	70	100
125	850	70	70	100
150	960	70	70	100
200	1130	70	100	100
250	1300	70	100	100
300	1460	70	100	140
350	1650	70	100	140
400	1840	100	100	140
450	1995	100	*	*
500	2170	100	140	140
600	2510	140	180	180

#### ANSI B 16,5 150 lb

inch	approx. length mm	width mm		
		FF	FL	LL
1	400	50	50	70
1 ¼	430	50	50	70
1 ½	460	50	70	70
2	540	50	70	100
2 ½	620	50	70	100
3	660	70	70	100
4	780	70	100	100
5	860	70	100	100
6	940	70	100	100
8	1140	70	100	140
10	1340	70	100	140
12	1580	100	100	140
14	1740	100	140	140
16	1940	100	140	140
18	2060	100	140	140
20	2260	100	140	180
24	2620	140	140	180

\* collars for rotating flanges are not standardised  
L = loose flange F = fixed flange

#### Assembly

- assembly is extremely easy and quick due to hook-and-loop fastener
- cut required length depending on flange circumference of safety tape in right width acc. to the table above
- the ends should be overlapping by approx. 40 to 60 mm (1,6 to 2,4 inch)
- cut a piece of the included safety tape (recommend length approx. 1/4 of circumferences)
- the safety tape can be fixed already at one end for better handling
- place the safety tape tightly around the flange and press it onto the overlapping area
- closure allows repeated opening/closing and re-tightening