

## Teknikum PLUS™ flange



### APPLICATIONS

Plus flange system consists of a rubber bead and a flange tightened behind the bead. The most important advantage of the Plus flange is free, undisturbed, and central flow in the connection point. Additionally high pressure resistance, reliability and long life cycle without need of seals or gaskets are great advantages of Plus flanges.

Plus flanges are used in hoses used especially in heavy chemical industry and in mining industry, but due its reliability and practicality it is suitable for a range of other applications as well.

### ADVANTAGES

- Safe and durable connection
- Reusable flanges
- Undisturbed and central flow in the connection point
- Reliability and long-life cycle without need of seals
- Flange material can be customized
- Polyurethane coating available

### TECHNICAL PROPERTIES

#### Materials

- Hot-dip galvanized steel as default
- Other materials available, example acid-proof steels or polyurethane coated steel

#### Dimensions and pressure classes

- EN 1092-1 (DN 40 – 700)
  - PN 6
  - PN 10 (default)
  - PN 16
  - PN 25
  - PN 40
- ANSI B 16,5 (1 ½" – 28")
  - 150 lb /sq.in
  - 300 lb /sq.in

### SUITABLE STOCK HOSES

- Teknikum GRANIT® series
- Teknikum TITAN™ series
- Teknikum Ceramic hoses
- Teknikum CARBON™ series
- Teknikum customized hoses
  - Material handling hoses
  - Chemical hoses
  - Petrochemical hoses
  - Hose bends
  - Compensators

### SALES



Teknikum Oy (Business ID FI07645274),  
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#### More information

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[www.teknikum.com](http://www.teknikum.com)



ORDER REFERENCE

<b>Product code</b> 	<b>Nominal diameter</b>	<b>Pressure class</b>	<b>Weight kg/pcs</b> 
HPLUSFL10040	DN 40	PN 10/16/25/40	3,35
HPLUSFL10050	DN 50	PN 10/16/25/40	3,75
HPLUSFL10065	DN 65	PN 10/16/25/40	4,35
HPLUSFL10080	DN 80	PN 10/16/25/40	4,60
HPLUSFL10100	DN 100	PN 10/16	5,50
HPLUSFL10125	DN 125	PN 10/16	6,40
HPLUSFL10150	DN 150	PN 10/16	8,60
HPLUSFL10200	DN 200	PN 10/16	10,15
HPLUSFL10250	DN 250	PN 10	12,15
HPLUSFL10300	DN 300	PN 10	14,75
HPLUSFL10350	DN 350	PN 10	17,70
HPLUSFL10400	DN 400	PN 10	23,80
HPLUSFL10450	DN 450	PN 10	27,85
HPLUSFL10500	DN 500	PN 10	30,25
HPLUSFL10600	DN 600	PN 10	41,65
HPLUSFL10700	DN 700	PN 10	59,60