

Expanded PTFE form- in-place gasketing



185 Expanded
PTFE Joint Sealant

*pH 0-14, inert to
all common chemicals*

*Handles pressure from full vacuum
up to 3000 psig (210 bar)*

*Temperature range from
-450°F (-268°C) up to 600°F (315°C)*

*Meets FDA requirement
21 CFR 177.1550*

Fast and easy to use

*Superior sealability, even on worn
or uneven flange surfaces*

*Long lasting, high reliability seal
with minimum re-torque requirements*

**100% virgin PTFE with
micro-fibrillated internal structure
for excellent stability**

Micro-fibrillated structure turns ordinary PTFE into a dimensionally strong, creep resistant gasketing material. CHESTERTON Expanded PTFE Joint Sealants are soft and pliable to conform to worn or uneven surfaces and effect a tight seal. Yet they are resistant to cold flow and creep for long, reliable life. Lay out even complex shapes quickly with 185 on a spool. No waste, no fuss. Mechanic friendly box of four popular sizes eliminates trips back to the store room for the right size gasketing. Self-adhesive strip holds 185 in place for easy assembly.

*For large areas
and cut gasketing,
we offer CHESTERTON
184 Expanded
PTFE Sheet.*

CHESTERTON®

ISO
9001
CERTIFIED

CHESTERTON®

EXPANDED

PTFE

form - in - place gasketing

185 Expanded PTFE Joint Sealant		
A	B	C
004819	-	1 x 30
004820	-	1 x 305
004821	1/8 x 100	3 x 30
004822	1/8 x 1000	3 x 305
004823	3/16 x 75	5 x 23
004824	3/16 x 750	5 x 230
004825	1/4 x 50	7 x 15
004826	1/4 x 500	7 x 152
004827	3/8 x 25	10 x 7,5
004828	3/8 x 50	10 x 15
004829	3/8 x 250	10 x 76
004830	1/2 x 15	12 x 4,5
004831	1/2 x 30	12 x 9
004832	1/2 x 150	12 x 45
004833	5/8 x 15	17 x 4,5
004834	5/8 x 30	17 x 9
004835	5/8 x 150	17 x 45
004836	3/4 x 15	20 x 4,5
004837	3/4 x 30	20 x 9
004838	3/4 x 100	20 x 30
004839	1 x 15	25 x 4,5
004840	1 x 30	25 x 9
004841	1 x 75	25 x 23
004842	2 x 39	50 x 12

185 Expanded PTFE Joint Sealant Size Selection Reference	
D	E
1/2"	1/8"
3/4" - 1 1/2"	3/16"
2" - 4"	1/4"
5" - 8"	3/8"
10" - 16"	1/2"
18" - 24"	5/8"
24" - 36"	3/4"
36" PLUS	1"

Metric Flanges Size Selection Reference PN10 - PN20 Kg/cm ²	
F	G
15	3 mm
20 - 40	5 mm
50 - 100	7 mm
125 - 200	10 mm
250 - 400	12 mm
450 - 600	17 mm
600 - 900	20 mm
1000 PLUS	25 mm

185 Expanded PTFE Joint Sealant Kit		
Reorder Number 004801		
Kit includes 4 Spool Sizes		
M	N	O
004823	3/16 x 75	5 x 23
004825	1/4 x 50	7 x 15
004827	3/8 x 25	10 x 7,5
004830	1/2 x 15	14 x 4,5

KEY
A - Product Reorder Number
B - Nominal Width (inch) x Length (feet)
C - Nominal Width (mm) x Length (meters)
D - 150 - 300 lb ANSI/ASTM Flanges
E - Use this Width
F - DN Flanges
G - Use this Width
H - Product Reorder Number
I - Nominal Thickness Inch
J - Nominal Thickness mm
K - Width - Inch
L - Width - Meter
M - Spool Product Reorder Number
N - Nominal Width (inch) x Length (feet)
O - Nominal Width (mm) x Length (meters)

184 Expanded PTFE Sheet				
H	I	J	K	L
004843	1/16	1,5	60 x 60	1,5 x 1,5
004844	1/8	3	60 x 60	1,5 x 1,5

Industrial Equipment Uses

- Fume Ducts ■ Steam Vessel Flanges ■ Concrete Lids ■ Manways
- Glass Joints ■ Ceramic Joints ■ Heat Exchangers ■ Water Systems
- Hydraulic and Pneumatic Systems ■ Fiberglass Reinforced Plastic Vessels
- Pump or Compressor Housing Flanges
- Or practically any other industrial equipment where you require a long-life, trouble-free seal that cuts maintenance costs.

- Easy Installation**
1. Choose 185 Joint Sealant that is approximately 1/3 to 1/2 the width of the sealing surface.
 2. Peel off the adhesive backing and apply it around the flange inside the bolt circle.
 3. Overlap ends about 3/4" (20 mm) at a bolt hole.
 4. Follow standard torquing sequence to tighten.

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