



EUROPEAN
SEALING
TECHNOLOGY

Seals for industry

EST-FLON

EXPANDED PTFE

Technical data / Documentation technique



European Sealing Technology - Industrial sealing solutions

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Fiche Technique

EUROPEAN SEALING TECHNOLOGY – PTFE Expansé : EST-Flon

Composition

100% TEFLON® PTFE 65/N



Use

- It's used for flanges and containers in chemical industries
- replace the packing of asbestos and rubber
- it assures a static sealing on flanges and containers of metal, glass, plastic and ceramic
- high chemical compatibility
- no age deterioration
- odourless and tasteless up to +270°C
- it resists to all corrosive agents and suitable for seals in the presence of chemical products, hydrocarbons, acids, steam and oxygen
- it's soft and flexible, assures a perfect seal on wrinkled and irregular surfaces

Range

- Temperature : +240°C to +315°C
- Pressure : 210 bar
- Chemical : PH 0-14 except melted alkalimetals and fluorine gas at high temperature
- Specific gravity : 0.7 +/-0.05gr cm3
- Pressure : 210 bar



Availability

DIMENSIONS STANDARD

largeur	largeur x épaisseur	rond	longueur bobine	
inches	mm x mm	Ø mm	mt	
1/8"	3 x 1,5	3	25	50
3/16"	5 x 2,0	5	25	50
1/4"	7 x 2,5	7	15	25
3/8"	10 x 3,0	10	10	25
1/2"	12 x 4,0	12	10	25
9/16"	14 x 5,0	14	10	25
5/8"	17 x 6,0	16	5	10
3/4"	20 x 7,0	-	5	10
	20 x 10		5	10
	20 x 12		5	10
	25 x 5		5	10
	25 x 7		5	10
	25 x 8		5	10
	25 x 10		5	10
	30 x 10		5	10
	40 x 5		5	10
	SPECIAL			
	6 x 4 HD		15	25
	8 x 4 HD		10	25
	10 x 5 HD		10	15
	15 x 5 HD		5	10

VALEURS DE DÉFORMATION AU SERRAGE

dimensions originaux		largeur mm x épaisseur mm		
inches	mm	10 N/mm2	20 N/mm2	30 N/mm2
1/8"	3 x 1,5	3,5 x 0,42	4,7 x 0,38	5,7 x 0,30
3/16"	5 x 2,0	5,9 x 0,76	7,2 x 0,62	8,9 x 0,50
1/4"	7 x 2,5	8,1 x 1,01	10,6 x 0,79	12,3 x 0,70
3/8"	10 x 3,0	11,8 x 1,18	14,8 x 0,93	17,8 x 0,85
1/2"	12 x 4,0	15,1 x 1,42	19,0 x 1,09	22,1 x 0,93
9/16"	14 x 5,0	18,4 x 1,65	23,2 x 1,25	26,4 x 1,00
5/8"	17 x 6,0	22,3 x 2,12	26,1 x 1,45	28,2 x 1,25
3/4"	20 x 7,0	26,7 x 3,35	34,2 x 1,80	36,0 x 1,40
	20 x 10	26,7 x 3,35	34,2 x 2,57	36,0 x 2,00
	20 x 12	26,7 x 4,02	34,2 x 3,08	36,0 x 2,40
	25 x 5	33,3 x 1,65	42,7 x 1,25	45,0 x 1,00
	25 x 7	33,3 x 2,35	42,7 x 1,75	45,0 x 1,40
	25 x 8	33,3 x 2,68	42,7 x 2,00	45,0 x 1,60
	30 x 10	39,9 x 3,35	51,2 x 2,57	54,0 x 2,00
	40 x 5	53,2 x 1,65	68,2 x 1,25	72,0 x 1,00