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FEP pall ring



FEP means Fluorinated ethylene propylene, it is a copolymer of hexafluoropropylene and tetrafluoroethylene. We make **FEP pall rings**, it is different from PTFE pall rings, as **FEP pall rings** can be made by injection machines, but PTFE pall rings can only be made by moulded.

Fluorinated ethylene propylene (FEP) was invented by DuPont and is sold under the brandname Teflon® FEP. Other brandnames are Neoflon® from Daikin or Dyneon® FEP from Dyneon/3M.

FEP is very similar in composition to the fluoropolymers PTFE (polytetrafluoroethylene) and PFA (perfluoroalkoxy polymer resin). FEP and PFA both share PTFE's useful properties of low friction and non-reactivity, but are more easily formable. FEP is softer than PTFE and melts at 260 °C; it is highly transparent and resistant to sunlight.

Tech Data of Plastic Pall Ring:

Specification (mm)	D×H×δ (mm)	Specific area (m ² /m ³)	Void (m ³ /m ³)	volume Bulk number (n/m ³)	Package density (kg/m ³)	F factor (m ⁻¹)
Dg16	16×16×1	188	0.91	112000	141	275
Dg25	25×25×1.2	175	0.90	53500	82	239
Dg38	38×38×1.4	115	0.89	15800	54	220
Dg50	50×50×1.5	93	0.90	6500	56	127
Dg76	76×76×2.6	73.2	0.92	1927	58	94
Dg100	100×100×3.0	52.8	0.94	1000	50	82

*Note:The above data sub to the material PP.