

PTFE Lined Concentric Reducer

- Elite manufactures lined pipe and fittings by use compression molding, isostatic molding, injection molding, transfer molding, hot rotomolding, ram/paste extrusion, 3D rotational molding etc. Characters as below:
- Working temperature is high at the range of -29oC-200oC; except the molten alkali metals, element fluorine and aromatic hydrocarbon, lined products can be used in any chemical medium.
- Vacuum resistance. In the range of -29oC-150oC, it is applicable for vacuum condition. In chemical production, the vacuum condition occurs due to cooling, longitudinal emissions, or medium backflow.
- High-pressure resistance. Within temperature working condition, it can sustain the working pressure of 3.0MPa.
- Resistance to penetration. Adapt the high-quality PTFE, to make it of high density and enough thickness after advanced lining processing, make it excellent anti-osmosis.
- PTFE advanced lining molding process achieved the status of synchronous hot expansion or cold shrinkage for steel components and fluorine plastic.
- Elite adopts the standard size according to HG, GB, DIN, ANSI, and JIS etc., which improves interchangeability, to provide convenience for installation.
- Specific gravity: 2.14-2.19g/cm³ as per ASTM D 792 test standard
- Tensile rate: 20.7Mpa minimum as per ASTM D 638 test standard
- Elongation rate: 250% minimum as per ASTM D 638 test standard.
- Manufacture standard: ASTM D 4895. Operating in vacuum condition within 150oC.



Pipe Material	ASTM A106
Lining Material	PTFE,PO,PE,PP
Flange Material	SS304,SS304L,SS316,SS316L,ASTM A3
Nominal Diameter	NPS 1-24
Pressure Range	150lb 300lb JIS 10k,DIS
Connection Type	Flange Connection

Model NO.: ECRF4-150LB
Material: Carbon Steel
Standards: Hg/T2437
Diameter: Dn25~600
Pressure: Vacuum
Transport Package: Plywood Case

Type: Concentric
Technics: Casting
Customized: Customized
Body Material: Wpb+PTFE
Specification: CE, SGS, TS