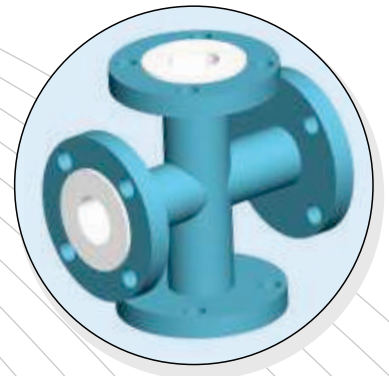
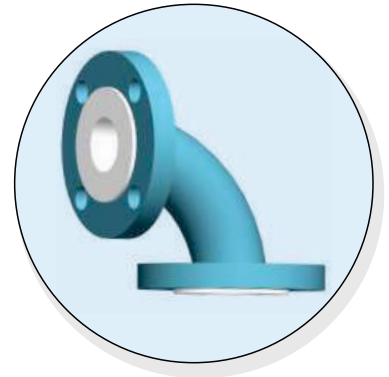
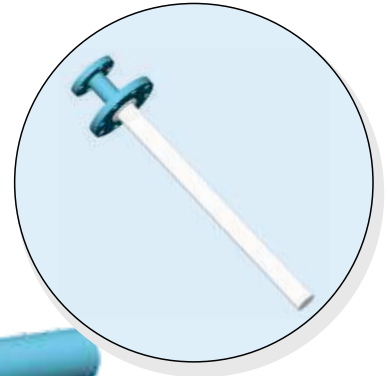
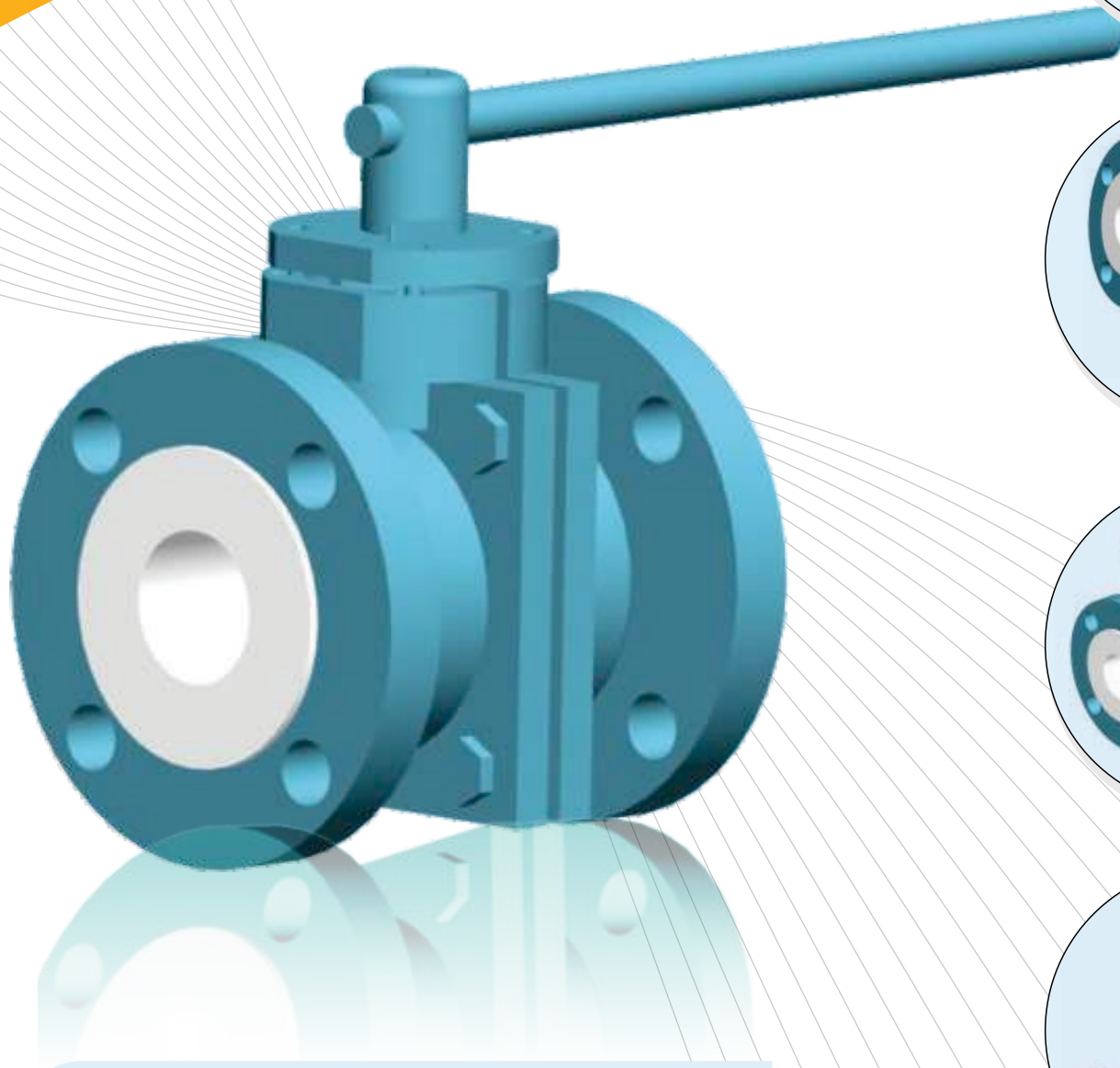
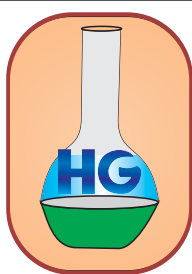


Heta Glass Industries



**ULTIMATE SOLUTION FOR
FLUID TRANSMISSION WORLD...**



PTFE (POLY TETRA FLUORO ETHYLENE) PROPERTIES

PTFE grade used are as per ASTM D 1457 Type III and ASTM D 4895 standard

Mechanical	Value	Test Method
1. Density	2.156 - 2.18 g/cm ³	As per DN 53479
2. Tensile Strength	≥ 26 N/mm ²	As per DN 53455
3. Elongation at Break	≥ 275%	As per DN 53455
4. Hardness	55-60 Shore'D'	As per DN 53516

Thermal	Value	Test Method
1. Melting Point	320 - 340° C	As per ISO 12086
2. Temperature Strength	-200 to 260° C	
3. Coefficient of Linear Expansion	20° C - 100° C 16 x 10 ⁻⁵ K ⁻¹ 20° C - 200° C 19.5 x 10 ⁻⁵ K ⁻¹ 20° C - 300° C 25 x 10 ⁻⁵ K ⁻¹	As per DIN 53328
4. Softening Point	110° C	As per DIN 53640
5. Conductivity	0.25 W / mk	As per DIN 52612
6. Flammability	Non Flammable	
7. Specific Heat at 0° C	0.96 kj / kg x k	
8. Specific Heat at 50° C	1.05 kj / kg x k	

Electrical	Value	Test Method
1. Dimensional Strength (film 0.2 mm Thick)	40 - 80 kv / mm	As per VDE 0303 part 2
2. Dielectric Constant From 50 - 10 ⁷ Hz	2.1	As per DIN 53483
3. Volume Resistivity	10 ¹⁸ ? x cm	As per DIN 53482
4. Surface Resistivity	≥ 10 ¹⁷ ?	As per DIN 53482
5. Arc Resistance	L 4 Degree	As per VDE 0303 part 5

Others	Value	Test Method
1. Water Absorption	≤ 0.01 %	As per DIN 53495
2. Weather Resistance	Excellent	
3. Chemical Resistance	Excellent	
4. Coefficient of Permeability	2 -8 ⁻⁷ x 10 ³ cm.cm/cm.sec.bar	
5. FDA Compliant	Yes	21 CFR 1771550
6. UL Listed	Yes	File 54681 QMFZ2

HG

Honesty

Efficiency

Transparency

Ambitions



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Industries**

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