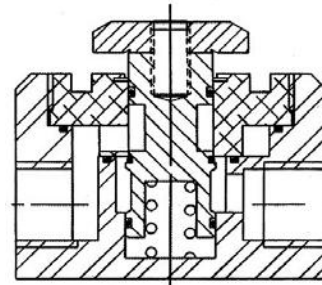


## Manual Shut Off Valve

- Material:** PVC, PP, PVDF, TEFLON
- Size:** 1/4" - 2"
- Pressure Rating:** 150 psi
- Seals:** EPDM, VITON, KALREZ
- Connections:** FNPT Threaded (1/4" - 1")  
MPT (1 1/2" - 2")  
Metric Butt Fusion (PP & PVDF only)



**ISO 9002 CERTIFIED**

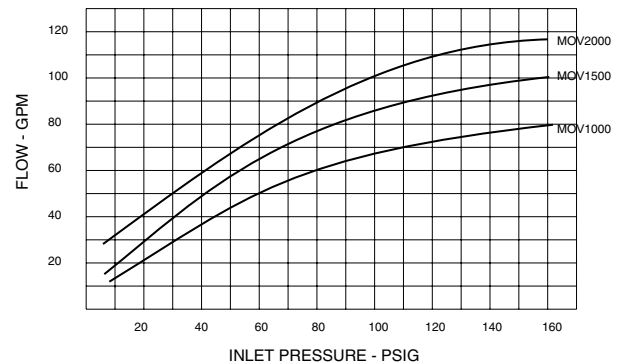
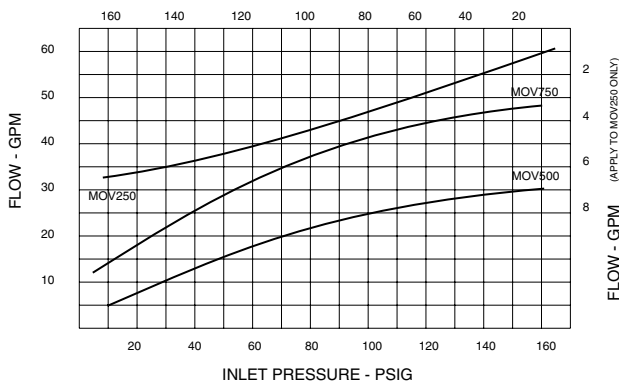
## Engineering Guide Specification

### Materials of Construction:

- PVC:** Class 12454B per ASTM D1784
- PP:** Class PP 110B76383 per ASTM D4101
- PVDF:** Type 1 per ASTM D3222

**Guide Specification:** The SIMTECH MOV series manual operated valve features a compact thermoplastic valve designed to be used with a minimum of hand, foot or knee pressure. This allows one or both hands to be free for other tasks. This patented valve is designed so there is no metal contact with the fluid. A Teflon wiper ring prevents most dirt from entering through the top of the valve. Automatic fail-safe shut-off. Direct acting full flow and top entry for easy maintenance makes this an ideal valve for most manual applications. Suitable for most harsh chemicals. The standard valve is normally closed (push-to-open, release-to-close), as manufactured by SIMTECH.

## Pressure/Temperature Graph: Working PSI/Fahrenheit



## Dimensional Data

d Inches					Ports
	A	B	C	Cv	
1/4	2.00	1.80	.500	.580	FNTP
1/2	3.00	2.50	.700	2.84	FNTP
3/4	3.50	3.00	.900	4.14	FNTP
1	4.00	3.50	1.10	5.86	FNTP
1 1/2	5.00	4.70	1.50	16.7*	MPT
2	6.00	5.50	1.70	22.3*	MPT

(\*) Cv value @ 150 GPM

