



ElastoTITE™ ELASTOMER HINGED CHECK VALVE Part Number Assignment

Body Style	Size	Body Material	Internal Material	Seal Material	Spring Option	
XX 1	—	XXX	—	XX	—	X
(1)	(2)	(3)	(4)	(5)	(6)	

Body Style (1)		
XX =	Description	Comments
80	Male Thread End	PDC's Male Thread End, Plain End and Grooved End valves are available in sizes 1" thru 12". Thread End valves are per ASME/ANSI B 1.20.1 (NPT) and Grooved End are per ANSI/AWWA C-606 specifications. Consult factory for other options and sizes.
82	Plain End	
83	Grooved End	
87	Cast Short Form Wafer	PDC's standard flanges match ASME/ANSI B16.1 (125lb) flat face and ASME/ANSI B16.5 (150lb) raised face flanges. Available sizes are 2" thru 24". Consult factory for other flanging options.
88	Flanged Body	

Size (2)			
XXX=	Description	XXX=	Description
001	1"	008	8"
125	1-1/4"	010	10"
150	1-1/2"	012	12"
002	2"	014	14"
250	2-1/2"	016	16"
003	3"	018	18"
004	4"	020	20"
005	5"	024	24"
006	6"		

Body Materials (3)	
XX=	Description
AL	Aluminum
CI	Cast Iron
CS	Carbon Steel
6S	316 Stainless Steel

Internal Materials (4)	
XX=	Description
AL	Aluminum
6S	316 Stainless Steel

Seal Materials (5)		
X=	Description	Temp. Range
B	Buna-N (Standard)	-60°F to 225°F
E	EPDM	-40°F to 300°F
S	Silicone	-100°F to 500°F
V	Viton	-20°F to 400°F
Minimum and Maximum Elastomer seal temperatures are for intermittent use. Temperature ranges are for general guidance.		

Optional Spring (6)	
X=	Description
1	With Spring (Stainless Steel)
N	No Spring (Standard)

Examples						
Part Number	Body Style	Size	Body Material	Internal Material	Seal Material	Spring Option
801-150-CS-6S-B-1	Male Thread End	1-1/2" (NPT)	Carbon Steel	316 Stainless Steel	Buna-N	With Spring
821-004-AL-AL-S-N	Plain End	4"	Aluminum	Aluminum	Silicone	No Spring
831-250-6S-6S-V-1	Grooved End	2-1/2"	316 Stainless Steel	316 Stainless Steel	Viton	With Spring
871-012-CI-AL-B-1	Cast Short Form Wafer	12"	Cast Iron	Aluminum	Buna-N	With Spring

- Notes:
- All Springs, Spring Shafts and fasteners (except Hinge Bar/Travel Limiter fasteners) are stainless steel.
 - Buna-N is PDC's standard seal material for all valve sizes.
 - Consult PDC for custom material inquires.

