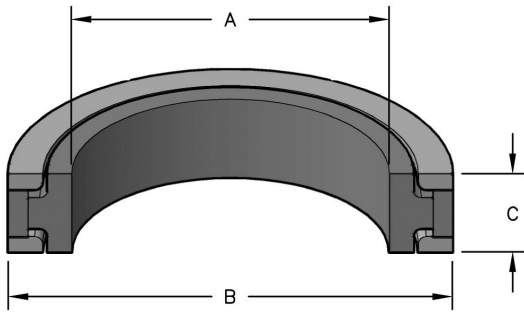


# STYLE MCPS FOUR PIECE PISTON SEALS

This capped piston seal consists of a filled PTFE cap, a T-shaped NBR energizer, and two split nylon backup rings. It exhibits low friction, high sealability, and excellent resistance to extrusion and wear.

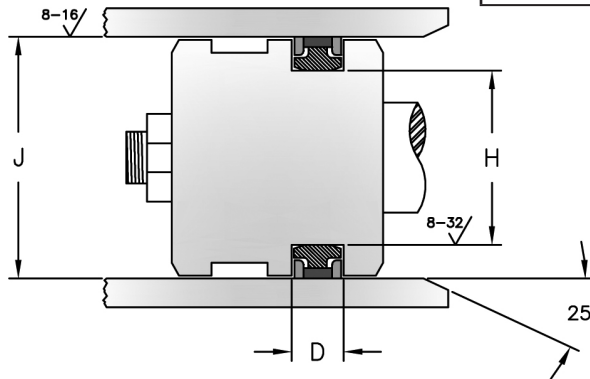


BR = BRONZE FILLED PTFE CAP

### HERCULES PART NUMBERS

**MCPS - 50 X 36 X 8.5**  
 Type of Seal    Bore Diameter    Groove Diameter    Height

SEAL INFORMATION	
MATERIAL	PTFE PISTON SEAL NYLON BACK-UP NITRILE ENERGIZER
TEMPERATURE RANGE	-40° TO +220° F
PRESSURE RANGE	0 TO 6,000 psi
SPEED	4.5 FT/SEC



Part Number	A Nom. ID	B Nom. OD	C Nom. Ht	D GROOVE WIDTH	H GROOVE DIAMETER	J BORE DIAMETER	List Price
MCPS-32X21X7.7	21	32	7.7	8.20 +0.20 +0.00	21.00 +0.000 -0.052	32.00 +0.062 +0.000	\$84.72
MCPS-40X30X8BR	30	40	8	8.00 +0.20 +0.00	30.00 +0.000 -0.052	40.00 +0.062 +0.000	12.94
MCPS-50X36X8.5	36	50	8.5	9.00 +0.20 +0.00	36.00 +0.000 -0.062	50.00 +0.062 +0.000	105.89
MCPS-50X40X7.5	40	50	7.5	8.00 +0.20 +0.00	40.00 +0.000 -0.062	50.00 +0.062 +0.000	54.13
MCPS-55X41X8.5	41	55	8.5	9.00 +0.20 +0.00	41.00 +0.000 -0.062	55.00 +0.074 +0.000	47.30
MCPS-56X45X8	45	56	8	8.00 +0.20 +0.00	45.00 +0.000 -0.062	56.00 +0.074 +0.000	63.29
MCPS-60X46X8.5	46	60	8.5	9.00 +0.20 +0.00	46.00 +0.000 -0.062	60.00 +0.074 +0.000	52.68
MCPS-63X48X10.5	48	63	10.5	11.00 +0.20 +0.00	48.00 +0.000 -0.062	63.00 +0.074 +0.000	35.79
MCPS-63X53X7.5	53	63	7.5	8.00 +0.20 +0.00	53.00 +0.000 -0.074	63.00 +0.074 +0.000	76.49
MCPS-65X50X10.5	50	65	10.5	11.00 +0.20 +0.00	50.00 +0.000 -0.062	65.00 +0.074 +0.000	31.55
MCPS-65X51X8.5	51	65	8.5	9.00 +0.20 +0.00	51.00 +0.000 -0.074	65.00 +0.074 +0.000	82.41
MCPS-70X55X10.5	55	70	10.5	11.00 +0.20 +0.00	55.00 +0.000 -0.074	70.00 +0.074 +0.000	52.68
MCPS-70X55X12	55	70	12	12.50 +0.20 +0.00	55.00 +0.000 -0.074	70.00 +0.074 +0.000	73.92
MCPS-70X60X7.5	60	70	7.5	8.00 +0.20 +0.00	60.00 +0.000 -0.074	70.00 +0.074 +0.000	51.29
MCPS-75X60X10.5	60	75	10.5	11.00 +0.20 +0.00	60.00 +0.000 -0.074	75.00 +0.074 +0.000	51.09

# STYLE MCPS FOUR PIECE PISTON SEALS

Part Number	A Nom. ID	B Nom. OD	C Nom. Ht	D GROOVE WIDTH	H GROOVE DIAMETER	J BORE DIAMETER	List Price
MCPS-75X63X8.6	63	75	8.6	9.10 <sup>+0.20</sup> / <sub>+0.00</sub>	63.00 <sup>+0.000</sup> / <sub>-0.074</sub>	75.00 <sup>+0.074</sup> / <sub>+0.000</sub>	54.84
MCPS-80X65X10.5	65	80	10.5	11.00 <sup>+0.20</sup> / <sub>+0.00</sub>	65.00 <sup>+0.000</sup> / <sub>-0.074</sub>	80.00 <sup>+0.074</sup> / <sub>+0.000</sub>	57.27
MCPS-80X65X11.5	65	80	11.5	12.00 <sup>+0.20</sup> / <sub>+0.00</sub>	65.00 <sup>+0.000</sup> / <sub>-0.074</sub>	80.00 <sup>+0.074</sup> / <sub>+0.000</sub>	56.91
MCPS-85X70X10.5	70	85	10.5	11.00 <sup>+0.20</sup> / <sub>+0.00</sub>	70.00 <sup>+0.000</sup> / <sub>-0.074</sub>	85.00 <sup>+0.087</sup> / <sub>+0.000</sub>	65.84
MCPS-90X75X10.5	75	90	10.5	11.00 <sup>+0.20</sup> / <sub>+0.00</sub>	75.00 <sup>+0.000</sup> / <sub>-0.074</sub>	90.00 <sup>+0.087</sup> / <sub>+0.000</sub>	64.52
MCPS-90X75X11.5	75	90	11.5	12.00 <sup>+0.20</sup> / <sub>+0.00</sub>	75.00 <sup>+0.000</sup> / <sub>-0.074</sub>	90.00 <sup>+0.087</sup> / <sub>+0.000</sub>	62.15
MCPS-90X75X12.5	75	90	12.5	13.00 <sup>+0.20</sup> / <sub>+0.00</sub>	75.00 <sup>+0.000</sup> / <sub>-0.074</sub>	90.00 <sup>+0.087</sup> / <sub>+0.000</sub>	83.99
MCPS-95X80X10.5	80	95	10.5	11.00 <sup>+0.20</sup> / <sub>+0.00</sub>	80.00 <sup>+0.000</sup> / <sub>-0.074</sub>	95.00 <sup>+0.087</sup> / <sub>+0.000</sub>	65.84
MCPS-95X80X12	80	95	12	12.50 <sup>+0.20</sup> / <sub>+0.00</sub>	80.00 <sup>+0.000</sup> / <sub>-0.074</sub>	95.00 <sup>+0.087</sup> / <sub>+0.000</sub>	68.88
MCPS-100X85X12	85	100	12	12.50 <sup>+0.20</sup> / <sub>+0.00</sub>	85.00 <sup>+0.000</sup> / <sub>-0.087</sub>	100.00 <sup>+0.087</sup> / <sub>+0.000</sub>	69.70
MCPS-105X90X12	90	105	12	12.50 <sup>+0.20</sup> / <sub>+0.00</sub>	90.00 <sup>+0.000</sup> / <sub>-0.087</sub>	105.00 <sup>+0.087</sup> / <sub>+0.000</sub>	72.86
MCPS-110X95X12	95	110	12	12.50 <sup>+0.20</sup> / <sub>+0.00</sub>	95.00 <sup>+0.000</sup> / <sub>-0.087</sub>	110.00 <sup>+0.087</sup> / <sub>+0.000</sub>	74.18
MCPS-115X100X12	100	115	12	12.50 <sup>+0.20</sup> / <sub>+0.00</sub>	100.00 <sup>+0.000</sup> / <sub>-0.087</sub>	115.00 <sup>+0.087</sup> / <sub>+0.000</sub>	81.96
MCPS-120X100X15.5	100	120	15.5	16.00 <sup>+0.20</sup> / <sub>+0.00</sub>	100.00 <sup>+0.000</sup> / <sub>-0.087</sub>	120.00 <sup>+0.087</sup> / <sub>+0.000</sub>	108.87
MCPS-120X105X12	105	120	12	12.50 <sup>+0.20</sup> / <sub>+0.00</sub>	105.00 <sup>+0.000</sup> / <sub>-0.087</sub>	120.00 <sup>+0.087</sup> / <sub>+0.000</sub>	77.31
MCPS-125X102X15.5	102	125	15.5	16.00 <sup>+0.20</sup> / <sub>+0.00</sub>	102.00 <sup>+0.000</sup> / <sub>-0.087</sub>	125.00 <sup>+0.10</sup> / <sub>+0.00</sub>	85.95
MCPS-125X105X15.5	105	125	15.5	16.00 <sup>+0.20</sup> / <sub>+0.00</sub>	105.00 <sup>+0.000</sup> / <sub>-0.087</sub>	125.00 <sup>+0.10</sup> / <sub>+0.00</sub>	117.67
MCPS-125X110X12.5	110	125	12.5	12.50 <sup>+0.20</sup> / <sub>+0.00</sub>	110.00 <sup>+0.000</sup> / <sub>-0.087</sub>	125.00 <sup>+0.10</sup> / <sub>+0.00</sub>	77.93
MCPS-130X107X15.5	107	130	15.5	16.00 <sup>+0.20</sup> / <sub>+0.00</sub>	107.00 <sup>+0.000</sup> / <sub>-0.087</sub>	130.00 <sup>+0.10</sup> / <sub>+0.00</sub>	92.88
MCPS-130X110X15.5	110	130	15.5	16.00 <sup>+0.20</sup> / <sub>+0.00</sub>	110.00 <sup>+0.000</sup> / <sub>-0.087</sub>	130.00 <sup>+0.10</sup> / <sub>+0.00</sub>	107.81
MCPS-130X115X12.5	115	130	12.5	12.50 <sup>+0.20</sup> / <sub>+0.00</sub>	115.00 <sup>+0.000</sup> / <sub>-0.087</sub>	130.00 <sup>+0.10</sup> / <sub>+0.00</sub>	81.28
MCPS-135X112X15.5	112	135	15.5	16.00 <sup>+0.20</sup> / <sub>+0.00</sub>	112.00 <sup>+0.000</sup> / <sub>-0.087</sub>	135.00 <sup>+0.10</sup> / <sub>+0.00</sub>	98.83
MCPS-140X117X15.5	117	140	15.5	16.00 <sup>+0.20</sup> / <sub>+0.00</sub>	117.00 <sup>+0.000</sup> / <sub>-0.087</sub>	140.00 <sup>+0.10</sup> / <sub>+0.00</sub>	105.18
MCPS-140X120X15.5	120	140	15.5	16.00 <sup>+0.20</sup> / <sub>+0.00</sub>	120.00 <sup>+0.000</sup> / <sub>-0.087</sub>	140.00 <sup>+0.10</sup> / <sub>+0.00</sub>	133.41
MCPS-140X120X18.5	120	140	18.5	19.00 <sup>+0.20</sup> / <sub>+0.00</sub>	120.00 <sup>+0.000</sup> / <sub>-0.087</sub>	140.00 <sup>+0.10</sup> / <sub>+0.00</sub>	125.74
MCPS-145X122X15.5	122	145	15.5	16.00 <sup>+0.20</sup> / <sub>+0.00</sub>	122.00 <sup>+0.00</sup> / <sub>-0.10</sub>	145.00 <sup>+0.10</sup> / <sub>+0.00</sub>	105.95
MCPS-150X127X15.5	127	150	15.5	16.00 <sup>+0.20</sup> / <sub>+0.00</sub>	127.00 <sup>+0.00</sup> / <sub>-0.10</sub>	150.00 <sup>+0.10</sup> / <sub>+0.00</sub>	114.42
MCPS-150X130X18.5	130	150	18.5	19.00 <sup>+0.20</sup> / <sub>+0.00</sub>	130.00 <sup>+0.00</sup> / <sub>-0.10</sub>	150.00 <sup>+0.10</sup> / <sub>+0.00</sub>	151.03
MCPS-155X132X15.5	132	155	15.5	16.00 <sup>+0.20</sup> / <sub>+0.00</sub>	132.00 <sup>+0.00</sup> / <sub>-0.10</sub>	155.00 <sup>+0.10</sup> / <sub>+0.00</sub>	88.60
MCPS-160X137X15.5	137	160	15.5	16.00 <sup>+0.20</sup> / <sub>+0.00</sub>	137.00 <sup>+0.00</sup> / <sub>-0.10</sub>	160.00 <sup>+0.10</sup> / <sub>+0.00</sub>	129.96
MCPS-160X140X15.5	140	160	15.5	16.00 <sup>+0.20</sup> / <sub>+0.00</sub>	140.00 <sup>+0.00</sup> / <sub>-0.10</sub>	160.00 <sup>+0.10</sup> / <sub>+0.00</sub>	119.31
MCPS-160X140X18.5	140	160	18.5	19.00 <sup>+0.20</sup> / <sub>+0.00</sub>	140.00 <sup>+0.00</sup> / <sub>-0.10</sub>	160.00 <sup>+0.10</sup> / <sub>+0.00</sub>	155.86
MCPS-160X145X12.5	145	160	12.5	13.00 <sup>+0.20</sup> / <sub>+0.00</sub>	145.00 <sup>+0.00</sup> / <sub>-0.10</sub>	160.00 <sup>+0.10</sup> / <sub>+0.00</sub>	150.76

# STYLE MCPS FOUR PIECE PISTON SEALS

Part Number	A Nom. ID	B Nom. OD	C Nom. Ht	D GROOVE WIDTH	H GROOVE DIAMETER	J BORE DIAMETER	List Price
MCPS-165X142X15.5	142	165	15.5	16.00 +0.20 +0.00	142.00 +0.00 -0.10	165.00 +0.10 +0.00	143.70
MCPS-170X147X15.5	147	170	15.5	16.00 +0.00 -0.20	147.00 +0.00 -0.10	170.00 +0.10 +0.00	147.26
MCPS-175X152X15.5	152	175	15.5	16.00 +0.20 +0.00	152.00 +0.00 -0.10	175.00 +0.10 +0.00	113.56
MCPS-180X157X15.5	157	180	15.5	16.00 +0.20 +0.00	157.00 +0.00 -0.10	180.00 +0.10 +0.00	136.22
MCPS-180X160X15.5	160	180	15.5	16.00 +0.20 +0.00	160.00 +0.00 -0.10	180.00 +0.10 +0.00	133.60
MCPS-180X165X12.5BR	165	180	12	12.50 +0.20 +0.00	165.00 +0.00 -0.10	180.00 +0.10 +0.00	181.35
MCPS-185X162X15.5	162	185	15.5	16.00 +0.20 +0.00	162.00 +0.00 -0.10	185.00 +0.115 +0.000	142.41
MCPS-190X167X15.5	167	190	15.5	16.00 +0.20 +0.00	167.00 +0.00 -0.10	190.00 +0.115 +0.000	171.92
MCPS-190X175X12.5	175	190	12.5	13.00 +0.20 +0.00	175.00 +0.00 -0.10	190.00 +0.115 +0.000	241.30
MCPS-195X172X15.5	172	195	15.5	16.00 +0.20 +0.00	172.00 +0.00 -0.10	195.00 +0.115 +0.000	137.58
MCPS-200X167X23.3BR	167	200	23.3	23.80 +0.20 +0.00	167.00 +0.00 -0.10	200.00 +0.115 +0.000	441.79
MCPS-200X177X15.5BR	177	200	15.5	16.00 +0.20 +0.00	177.00 +0.00 -0.10	200.00 +0.115 +0.000	160.85
MCPS-200X180X18.5	180	200	18.5	18.50 +0.20 +0.00	180.00 +0.00 -0.10	200.00 +0.115 +0.000	140.81
MCPS-210X187X15.5	187	210	15.5	16.00 +0.20 +0.00	187.00 +0.000 -0.115	210.00 +0.115 +0.000	146.94
MCPS-215X192X15.5BR	192	215	15.5	16.00 +0.20 +0.00	192.00 +0.000 -0.115	215.00 +0.115 +0.000	172.91
MCPS-220X197X15.5	197	220	15.5	16.00 +0.20 +0.00	197.00 +0.000 -0.115	220.00 +0.115 +0.000	154.35
MCPS-225X202X15.5	202	225	15.5	16.00 +0.20 +0.00	202.00 +0.000 -0.115	225.00 +0.115 +0.000	204.83
MCPS-230X207X15.5	207	230	15.5	16.00 +0.20 +0.00	207.00 +0.000 -0.115	230.00 +0.115 +0.000	165.28
MCPS-230X210X16	210	230	16	16.00 +0.20 +0.00	210.00 +0.000 -0.115	230.00 +0.115 +0.000	326.77
MCPS-240X217X15.5	217	240	15.5	16.00 +0.20 +0.00	217.00 +0.000 -0.115	240.00 +0.115 +0.000	165.99
MCPS-250X210X25.5BR	210	250	25.5	26.00 +0.20 +0.00	210.00 +0.000 -0.115	250.00 +0.115 +0.000	737.31
MCPS-250X222X17	222	250	17	17.50 +0.20 +0.00	222.00 +0.000 -0.115	250.00 +0.115 +0.000	218.80
MCPS-260X232X17	232	260	17	17.50 +0.20 +0.00	232.00 +0.000 -0.115	260.00 +0.13 +0.00	218.80
MCPS-260X240X16	240	260	16	16.50 +0.20 +0.00	240.00 +0.000 -0.115	260.00 +0.13 +0.00	354.28
MCPS-280X252X17	252	280	17	17.50 +0.20 +0.00	252.00 +0.00 -0.13	280.00 +0.13 +0.00	245.34
MCPS-300X260X25.5BR	260	300	25.5	26.00 +0.20 +0.00	260.00 +0.00 -0.13	300.00 +0.13 +0.00	886.77
MCPS-300X272X17	272	300	17	17.50 +0.20 +0.00	272.00 +0.00 -0.13	300.00 +0.13 +0.00	325.68