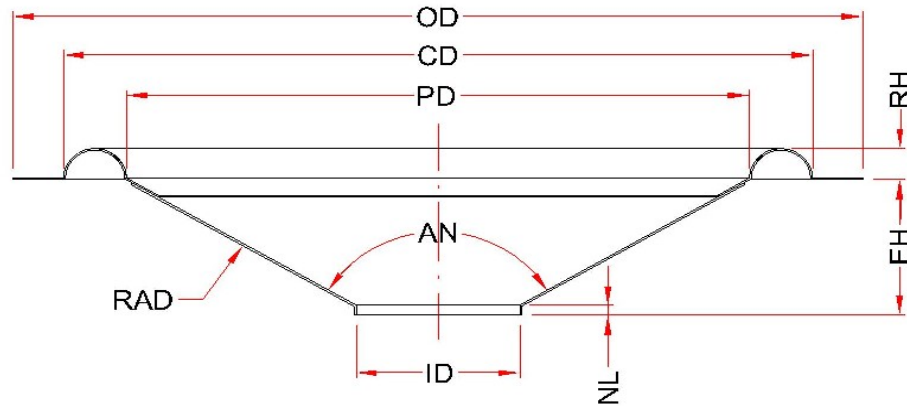


PA CONE PAPER



Part No.	Overall Ø OD	Clamping Ø CD	Piston Ø PD	Effective Height EH	Neck Length NL	Inner Diameter Ø ID	Body Angle AN	Body Radius RAD	Roll Height RH	Edge Type	No. of Roll	Body Tooling	Edge Tooling
PA-115H-01	115.0	102.3	83.5	18.5	-	26.2	-	59.0	4.95	cloth	1	MP-150H-02	EX-115H-13
PA-150J-01	156.0	143.0	117.8	33.5	1.4	36.5	-	181.0	3.0	cloth	2	MP-200J-02	FC-150-59
PA-150J-02	156.0	143.0	117.8	33.5	1.4	36.5	-	181.0	3.0	cloth	2	MP-200J-02	FC-150-59
PA-150K-01	156.0	143.0	117.8	29.0	-	42.6	-	60/95	3.0	cloth	2	MB-150K-01	FC-150-59
PA-200J-03	195.0	179.5	147.0	40.0	1.9	36.7	112.0	-	9.4	foam rubber	1	MP-200J-03	CYF 178E FC
PA-200J-04	191.0	180.0	155.0	33.6	1.0	36.5	122.0	-	7.6	foam	1	MP-200J-01	FF-200-55
PA-200J-05	191.0	179.0	154.5	33.6	1.0	36.5	122.0	-	7.1	foam	1	MP-200J-01	FF-200-55
PA-200J-06	191.0	180.0	155.0	34.0	1.0	36.5	122.0	-	7.1	foam	1	MP-200J-01	FF-200-55
PA-200J-09	191.0	179.0	154.5	34.0	1.0	36.5	122.0	-	7.1	foam	1	MP-200J-01	FF-200-55
PA-200J-10	195.0	177.6	150.0	36.5	1.4	36.5	112.0	-	8.0	rubber	1	MP-200J-03	EPM 178J
PA-200J-11	194.0	184.0	151.5	41.0	2.0	36.5	-	133.0	3.8	cloth	2	MP-200J-04	FC-200-56
PA-200J-13	194.0	181.0	150.0	37.5	1.65	36.5	112.0	-	8.2	foam	1	MP-200J-03	FF-200-59
PA-200J-14	195.0	179.0	147.5	35.5	1.65	36.5	112.0	-	9.3	foam rubber	1	MP-200J-03	CYF 178B SPB
PA-200M-02	191.0	180.0	155.0	35.0	3.0	50.4	-	174.0	7.1	foam	1	MP-200M-01	FF-200-55
PA-200M-07	191.0	180.0	155.0	35.5	1.0	50.5	121.0	54.0	7.1	foam	1	MP-300M-02	FF-200-55
PA-200M-08	194.0	183.9	150.8	34.0	-	50.5	-	181.0	3.8	cloth	2	MP-200J-02	FC-200-56
PA-200M-09	194.0	183.9	151.5	33.0	-	50.5	-	181.0	3.8	cloth	2	MP-200J-02	FC-200-56
PA-250M-01	239.0	226.5	198.0	47.5	1.0	50.0	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-02	239.0	226.5	198.0	47.5	1.0	50.5	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-04	240.0	229.0	195.0	50.5	-	52.0	-	173.0	3.3	cloth	2	MP-250J-01	FC-250-58

Part No.	Overall Ø OD	Clamping Ø CD	Piston Ø PD	Effective Height EH	Neck Length NL	Inner Diameter Ø ID	Body Angle AN	Body Radius RAD	Roll Height RH	Edge Type	No. of Roll	Body Tooling	Edge Tooling
PA-250M-05	240.0	228.7	196.0	52..5	-	50.5	-	173.0	3.6	cloth	2	MP-250J-01	FC-250-57
PA-250M-07	239.0	226.5	198.0	48.0	-	50.5	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-10	240.0	228.7	196.0	52.5	-	50.5	-	173.0	3.6	cloth	2	MP-250J-01	FC-250-58
PA-250M-11	239.0	226.5	198.0	48.0	1.0	50.5	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-12	239.0	226.5	198.0	47.5	1.0	50.5	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-16	240.0	228.7	196.0	56.0	1.2	51.5	-	279.0	3.6	cloth	2	MP-300M-06	FC-250-57
PA-250M-17	239.0	226.5	198.0	47.5	1.0	50.5	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-20	239.0	226.5	198.0	47.5	1.0	50.5	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-21	239.0	226.5	198.0	46.5	1.0	50.5	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-22	239.0	226.5	198.0	46.5	1.0	50.5	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-23	240.0	228.0	195.0	52.6	-	50.5	-	173.0	3.6	cloth	2	MP-250J-01	FC-250-57
PA-250M-25	239.0	225.5	197.5	45.5	-	52.0	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-26	239.0	226.5	198.0	46.0	1.0	50.5	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-27	239.0	226.5	198.0	47.5	1.0	50.5	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-28	239.0	226.5	198.0	45.5	1.0	52.0	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-29	242.0	230.5	195.0	57.0	-	52.5	-	279.0	4.2	cloth	2	MP-250M-06	FC-250-61
PA-250M-30	239.0	226.5	198.0	46.5	1.0	50.5	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-03
PA-250M-31	239.0	226.5	198.0	46.4	1.0	50.5	121.0	54.0	7.2	foam	1	MP-300M-02	FF-250-04
PA-250M-33	247.0	229.0	200.0	47.0	1.0	50.5	121.0	54.0	3.3	cloth	2	MP-300M-02	FC-250-60
PA-250N-01	246.0	227.0	194.0	48.5	-	66.5	-	260.0	4.8	cloth	2	MB-250N-02	FC-250-01
PA-250N-03	245.5	227.5	194.0	57.0	1.7	64.5	-	239.0	4.9	cloth	2	MP-250N-01	FC-250-59
PA-250N-04	247.0	230.0	200.0	47.0	-	61.6	-	173.0	3.3	cloth	2	MP-250J-01	FC-250-60
PA-250N-06	246.0	227.5	194.0	47.5	-	66.5	-	226.0	4.8	cloth	2	MB-250N-01	FC-250-01
PA-250N-07	246.0	227.5	194.0	47.5	-	66.5	-	226.0	4.8	cloth	2	MB-250N-01	FC-250-01
PA-250N-08	246.0	227.5	194.0	47.5	-	66.5	-	226.0	4.8	cloth	2	MB-250N-01	FC-250-01
PA-250N-09	247.0	230.0	200.0	58.5	-	66.5	-	120/649	3.3	cloth	2	MP-300N-01	FC-250-60
PA-250N-10	245.0	228.0	195.0	57.0	1.5	64.5	-	239.0	3.6	cloth	2	MP-250N-01	FC-250-57
PA-250N-11	240.0	228.0	195.0	36.5	-	66.4	121.0	54.0	3.6	cloth	2	MP-300M-02	FC-250-57
PA-250N-12	246.0	230.8	195.6	54.0	-	64.5	-	282.0	3.0	cloth	2	MP-250M-07	FC-250-65
PA-250P-03	245.5	227.5	194.0	48.0	-	76.5	-	239.0	4.9	cloth	2	MP-250N-01	FC-250-59
PA-250P-04	245.0	228.0	195.0	49.0	-	76.5	-	239.0	3.6	cloth	2	MP-250N-01	FC-250-57
PA-300L-01	298.0	276.0	240.0	73.0	1.5	45.2	-	950.0	2.8	cloth	3	MP-300K-02	FC-300-77
PA-300M-01	294.0	274.5	247.0	61.5	1.0	50.5	121.0	54.0	7.0	foam	1	MP-300M-02	FF-300-05
PA-300M-03	294.0	274.5	247.0	61.5	1.0	50.5	121.0	54.0	7.0	foam	1	MP-300M-02	FF-300-05
PA-300M-04	290.0	279.0	244.0	67.0	1.5	50.5	-	220/285	4.0	cloth	2	MB-300M-02	FC-300-62
PA-300M-05	290.0	279.0	244.0	67.0	1.5	50.5	-	220/285	4.0	cloth	2	MB-300M-02	FC-300-62
PA-300M-07	295.0	274.0	242.5	74.0	1.5	50.5	-	230/416	2.9	cloth	3	MP-300M-03	FC-300-65

Part No.	Overall Ø OD	Clamping Ø CD	Piston Ø PD	Effective Height EH	Neck Length NL	Inner Diameter Ø ID	Body Angle AN	Body Radius RAD	Roll Height RH	Edge Type	No. of Roll	Body Tooling	Edge Tooling
PA-300M-08	295.0	277.0	240.7	60.5	-	52.0	-	266.0	2.5	cloth	3	MB-300J-07	FC-300-88
PA-300M-09	300.0	281.0	244.9	63.5	-	51.8	113.0	-	3.6	cloth	2	MB-300K-03	FC-300-87
PA-300N-03	290.0	280.0	244.0	58.5	-	66.5	-	220/285	4.0	cloth	2	MB-300M-04	FC-300-62
PA-300N-08	290.0	281.0	234.5	60.5	-	66.5	-	63/326	10.0	foam	1	MP-300N-03	FF-300-04
PA-300N-11	290.0	280.0	244.0	58.5	-	66.5	-	221/285	4.4	cloth	2	MB-300M-04	FC-300-62
PA-300N-12	295.0	274.0	242.5	71.5	1.6	66.2	-	121/647	2.9	cloth	3	MP-300N-01	FC-300-65
PA-300N-13	290.0	280.0	243.0	66.0	-	67.0	-	230/416	4.3	cloth	2	MP-300M-03	FC-300-62
PA-300N-14	302.0	280.0	247.3	71.5	2.5	65.3	-	405.0	3.7	cloth	3	MP-300N-04	FC-300-71
PA-300N-15	290.0	280.0	243.0	71.0	-	66.5	-	121/647	4.0	cloth	2	MP-300N-01	FC-300-62
PA-300N-16	302.0	279.0	247.0	71.0	2.5	65.3	-	405.0	3.7	cloth	3	MP-300N-04	FC-300-71
PA-300N-17	302.0	279.0	247.0	72.0	-	66.3	-	405.0	3.7	cloth	3	MP-300N-04	FC-300-71
PA-300N-18	290.0	280.0	243.0	79.0	-	67.0	-	278/566	4.3	cloth	2	MP-350P-07	FC-300-62
PA-300N-19	300.0	278.0	242.0	73.0	-	66.0	-	121/647	4.3	cloth	2	MP-300N-01	FC-300-70
PA-300N-20	300.0	277.8	240.0	74.5	-	65.0	-	254.0	2.9	cloth	4	MP-300M-11	FC-300-80
PA-300N-21	300.0	275.0	236.0	67.0	-	66.4	107.0	-	9.8	Foam	1	MP-300N-07	FF-300-08
PA-300N-22	300.0	275.0	236.0	67.0	-	66.4	107.0	-	9.8	Foam	1	MP-300N-07	FF-300-08
PA-300N-23	299.0	277.8	240.0	65.5	2.5	64.9	-	244.0	2.9	cloth	4	MP-300N-12	FC-300-80
PA-300N-24	295.0	277.5	239.0	67.0	-	64.5	-	293.0	2.3	cloth	3	MP-300J-09	FC-300-90
PA-300P-02	295.0	273.0	241.0	60.0	-	77.0	-	230/416	3.0	cloth	4	MP-300M-03	FC-300-54
PA-300P-03	295.0	278.0	244.0	82.5	3.7	77.0	-	206.0	4.5	cloth	2	MP-350P-01	FC-300-56
PA-300P-09	298.0	281.0	246.0	65.0	2.5	76.5	-	286.0	3.3	cloth	2	MP-300P-03	FC-300-68
PA-300P-10	298.0	279.0	247.0	66.0	2.5	76.5	-	286.0	3.2	cloth	2	MP-300P-03	FC-300-63
PA-300P-11	300.0	278.0	242.0	62.5	-	76.5	-	381.0	3.7	cloth	2	MP-300P-04	FC-300-70
PA-300P-12	300.0	279.0	243.5	61.7	-	76.5	-	381.0	3.7	cloth	2	MP-300P-04	FC-300-70
PA-300P-13	295.0	273.0	240.0	63.5	-	78.5	-	213/489	3.0	cloth	4	MP-300M-01	FC-300-54
PA-300P-14	298.0	279.0	247.0	66.5	-	76.5	-	286.0	3.2	cloth	2	MP-300P-03	FC-300-63
PA-300P-15	300.0	278.0	244.0	62.0	-	76.5	-	381.0	3.7	cloth	2	MP-300P-04	FC-300-70
PA-300P-16	298.0	276.2	239.0	59.0	-	77.0	-	260.0	10.0	rubber	1	MP-300N-02	JL 1254
PA-300P-17	290.0	280.0	243.0	79.0	-	78.5	-	206.0	4.3	cloth	2	MP-350P-01	FC-300-62
PA-300P-18	300.0	281.0	246.0	67.0	-	76.5	-	121/647	3.3	cloth	2	MP-300N-01	FC-300-68
PA-300P-19	305.0	280.0	240.0	62.0	-	76.5	-	129/230	5.5	cloth	2	MP-300P-01	FC-300-76
PA-300P-20	300.0	278.0	240.0	66.5	-	77.0	-	177/240	5.0	cloth	2	MP-300N-05	FC-300-53
PA-300P-21	300.0	278.0	244.5	62.5	-	78.5	-	283.0	3.4	cloth	2	MP-300P-08	FC-300-82
PA-300P-22	294.0	281.5	248.5	68.5	-	77.0	-	175/298	4.5	cloth	3	MP-300N-09	FC-300-79
PA-300P-23	295.0	277.0	240.7	49.5	-	77.0	-	266.0	2.5	cloth	3	MB-300J-07	FC-300-88
PA-300P-24	300.0	277.8	240.0	74.5	-	77.6	-	234.0	2.9	cloth	4	MP-300P-09	FC-300-80
PA-300P-25	300.0	281.0	244.9	63.0	-	76.5	-	176/40	3.7	cloth	2	MP-300M-09	FC-300-87

Part No.	Overall Ø OD	Clamping Ø CD	Piston Ø PD	Effective Height EH	Neck Length NL	Inner Diameter Ø ID	Body Angle AN	Body Radius RAD	Roll Height RH	Edge Type	No. of Roll	Body Tooling	Edge Tooling
PA-300S-01	300.0	279.0	250.5	74.5	1.3	100.2	-	239.0	4.0	cloth	3	MP-300S-01	FC-300-52
PA-350M-01	375	346.5	313.6	89	-	51	-	256.8	5.6	Cloth	2	MP-350M-03	FC-350-17
PA-350N-01	361	346	309	86.3	-	64.5	-	1775/91.8	3.3	Cloth	3	MP-350N-04	FC-350-03
PA-350N-04	370	349	313	93	-	67	-	255.6	2	Cloth	4	MP-350M-02	FC-350-09
PA-350N-05	375	346	313.6	94	-	66.5	-	255.6	5.6	Cloth	2	MP-350N-02	FC-350-17
PA-350N-09	370	357	320	92.5	-	64.5	-	608.8/295.9	5.3	Cloth	2	MP-350M-05	FC-350-18
PA-350N-10	370	354	318	95	-	64	-	226	5	Cloth	2	MP-350N-08	FC-350-07
PA-350N-11	370	350	313	96	-	64.0	-	255.6	2.8	Cloth	4	MP-350N-02	FC-350-22
PA-350N-12	367	348	312	92	-	63	-	368.4	5.3	Cloth	2	MP-350N-09	FC-350-23
PA-350N-13	370	347	306	94.6	2.0	64.4	-	255.6	2.9	cloth	3	MP-350N-02	FC-350-10
PA-350P-01	370	354.9	317.9	96.0	3.5	77.0	-	206.2	5	Cloth	2	MP-350P-01	FC-350-07
PA-350P-02	370	349	313	84.9	-	77.0	-	254.8	1.7	Cloth	4	MP-350N-02	FC-350-09
PA-350P-03	365	345	311	99.0	-	77.0	-	195.5	3.5	Cloth	3	MP-350P-03	FC-350-08
PA-350P-04	365	345	311	97.5	3.5	77.0	-	206.2	3.5	Cloth	3	MP-350P-01	FC-350-08
PA-350P-09	369.5	355.5	319	96.8	3.5	77	-	206.2	4.15	Cloth	2	MP-350P-01	FC-350-15
PA-350P-13	361	346	309	99	-	77	-	192.3	3.4	Cloth	3	MP-350P-03	FC-350-03
PA-350P-14	375	346.5	313.6	86.5	-	77	-	255.1	5.6	Cloth	2	MP-350N-02	FC-350-17
PA-350P-15	365	348.2	310.5	101	-	76.5	-	192.1	3.5	Cloth	3	MP-350P-03	FC-350-08
PA-350P-16	365	348.2	310.5	96	3.5	77	-	206.2	3.5	Cloth	3	MP-350P-01	FC-350-08
PA-350P-19	365	348.2	310.5	101	-	77	-	192.1	3.5	Cloth	3	MP-350P-03	FC-350-08
PA-350P-21	374.7	354.4	302.6	87.5	-	77	-	283.1/405	11.68	Cloth	2	MP-350P-07	FC-350-19
PA-350P-22	370	354.9	317.9	88	-	78.5	-	254.6	5	Cloth	2	MP-350M-02	FC-350-12
PA-350P-24	372	346.8	312.9	93.5	-	77.5	-	308.76/185.2	2.5	Cloth	4	MP-350M-03	FC-350-14
PA-350P-25	370	354.9	317.9	95	-	77.5	-	206.2	5	Cloth	2	MP-350P-01	FC-350-07
PA-350P-26	365	348.2	310.5	101	-	77	-	193.4	3.5	Cloth	3	MP-350P-03	FC-350-08
PA-350P-27	369	348.2	310.5	101	-	77	-	193.4	3.5	Cloth	3	MP-350P-03	FC-350-08
PA-350P-28	370	354.9	317.9	93	-	78.5	-	206.2	5	Cloth	2	MP-350P-01	FC-350-07
PA-350P-29	370	354.9	317.9	93	-	78.5	-	206.2	5	Cloth	2	MP-350P-01	FC-350-12
PA-350P-30	370	354.9	317.9	87	2	76.5	-	572.8/59.3	5	Cloth	2	MP-350P-04	FC-350-12
PA-350P-31	362	346	306.5	95	-	76.2	-	314.9/219.5	3.4	Cloth	3	MP-350N-05	FC-350-03
PA-350P-32	370	357.5	321	96	-	77.5	-	314.9/219.5	5.4	Cloth	2	MP-350N-05	FC-350-18
PA-350P-33	375	346.5	313.6	86.5	-	77	-	255.6	5.6	Cloth	2	MP-350N-02	FC-350-17
PA-350P-34	365	347	310	101	-	77	-	193.4	3.5	Cloth	3	MP-350P-03	FC-350-08
PA-350P-35	365	347	310	101	-	77	-	193.4	3.5	Cloth	3	MP-350P-03	FC-350-08
PA-350P-36	365	347	310	101	-	77	-	193.4	3.5	Cloth	3	MP-350P-03	FC-350-08
PA-350P-37	370	355	317.5	87	1.7	76.5	-	572.8/59.3	5	Cloth	2	MP-350P-04	FC-350-12
PA-350P-38	370	355	317.5	87	1.7	76.5	-	572.8/59.3	5	Cloth	2	MP-350P-04	FC-350-12

Part No.	Overall Ø OD	Clamping Ø CD	Piston Ø PD	Effective Height EH	Neck Length NL	Inner Diameter Ø ID	Body Angle AN	Body Radius RAD	Roll Height RH	Edge Type	No. of Roll	Body Tooling	Edge Tooling
PA-350P-39	365	347	310	101	-	77	-	193.4	3.5	Cloth	3	MP-350P-04	FC-350-08
PA-350P-40	370	354.9	317.9	93	-	78.5	-	206.2	5	Cloth	2	MP-350P-01	FC-350-07
PA-350P-41	378	348	312	89	-	77	-	283.1/405	4.3	Cloth	3	MP-350P-07	FC-350-21
PA-350P-42	370	354	316	88	2	76.5	108°	-	4.4	Cloth	3	MP-350P-13	FC-350-20
PA-350P-44	370	357.5	321	92	-	76	-	566.5/278.1	5.4	Cloth	2	MP-350P-07	FC-350-18
PA-350P-48	370	354.4	317.9	96	3.5	76.4	-	630.6/225.7	5	Cloth	2	MP-350P-05	FC-350-07
PA-350P-50	370	349.8	312	84.7	-	77.4	-	255.1	3.2	Cloth	4	MP-350N-02	FC-350-22
PA-350P-51	370	356	316	88	-	76.5	108	-	4.4	Cloth	3	MP-350P-13	FC-350-20
PA-350P-52	370	354.9	317.9	102	-	77	-	193.4	5	Cloth	2	MP-350P-03	FC-350-07
PA-350P-53	365	347	310	101	-	77	-	193.4	3.5	Cloth	3	MP-350P-03	FC-350-08
PA-350P-54	376	348	312	80.8	-	77	-	404	4.3	Cloth	3	MP-350P-09	FC-350-21
PA-350P-55	370	355	317.5	86.5	1.7	76.5	-	572.8/59.3	5	Cloth	2	MP-350P-04	FC-350-12
PA-350P-56	375	355	310.9	93	-	77	-	253.5	4.5	Cloth	3	MP-350N-11	FC-350-26
PA-350P-57	368	347.5	312	86	-	77	-	572.8/59.3	5	Cloth	2	MP-350P-04	FC-350-23
PA-350P-58	375	355	311	91	-	77.5	-	254.2	4.3	Cloth	3	MP-350N-11	FC-350-27
PA-350P-59	372	349.7	314	98	-	77	-	251	2.5	Cloth	4	MP-350N-13	FC-350-29
PA-350P-60	372	349.7	314	93.65	-	77	-	254.8	2.5	Cloth	4	MP-350N-15	FC-350-29
PA-350P-61	370	349	308	77.4	-	77	-	350.7	5	Cloth	3	MB-350M-02	FC-350-34
PA-350P-62	370	353	307	82	-	77	-	60/574	3.8	Cloth	3	MP-350P-04	FC-350-06
PA-350P-63	376	348	312	80.5	-	77	-	404	4.4	Cloth	3	MP-350P-09	FC-350-21
PA-350P-64	370	354.4	317.9	92.5	-	77	-	243	5	Cloth	2	MP-350N-16	FC-350-07
PA-350P-65	370	347	306	87.5	-	77.5	-	243	2.9	Cloth	3	MP-350N-16	FC-350-10
PA-350P-66	370	354.4	317.9	92.5	-	77	-	243	5	Cloth	2	MP-350N-16	FC-350-07
PA-350P-67	374.1	355	307.1	89	-	77.56	-	243	5.7	Cloth	2	MP-350N-16	FC-350-31
PA-350P-68	374.1	355	307.1	87	-	77.6	-	243	5.7	Cloth	2	MP-350N-14	FC-350-31
PA-350S-08	360	330	292.8	86.5	-	101.5	-	348.6	5	Cloth	2	MP-450P-01	FC-350-13
PA-350S-09	370	354	316	79	1.9	101.5	108	-	4.4	Cloth	3	MP-450P-01	FC-350-20
PA-350S-09A	370	354	316	81	1.9	101.5	108	-	4.4	Cloth	3	MP-450P-01	FC-350-20
PA-350S-10	370	355.5	319	78	1.9	101.5	-	225.7	4.3	Cloth	2	MP-350P-05	FC-350-15
PA-350S-11	375	355	323	60.5	2	100	121	-	6	Cloth	3	MP-350S-01	FC-350-05
PA-350S-12	370	354	316	79	2.4	101.5	108	-	4.4	Cloth	3	MP-450P-01	FC-350-20
PA-350S-13	375	355	323	61.5	2	100	108	-	6	Cloth	3	MP-350S-01	FC-350-05
PA-350S-15	370	354.9	317.9	75.5	-	100.5	-	206.2	5	Cloth	2	MP-350P-01	FC-350-07
PA-350S-16	370	356	316	81	2.48	101.5	108	-	4.4	Cloth	3	MP-450P-01	FC-350-20
PA-350S-17	370	356	316	79	-	99	108	-	4.4	Cloth	3	MP-450P-07	FC-350-20
PA-350S-18	370	356	316	81	-	101.5	108	-	4.4	Cloth	3	MP-450S-01	FC-350-20
PA-350S-19	370	356	316	78	-	99	108	-	4.4	Cloth	3	MP-350P-13	FC-350-20

Part No.	Overall Ø OD	Clamping Ø CD	Piston Ø PD	Effective Height EH	Neck Length NL	Inner Diameter Ø ID	Body Angle AN	Body Radius RAD	Roll Height RH	Edge Type	No. of Roll	Body Tooling	Edge Tooling
PA-350S-20	375	355	323	63.5	-	98	118	-	6	Cloth	3	MP-350P-11	FC-350-05
PA-350S-21	375	355	323	62.5	-	99	118	-	6	Cloth	3	MP-350P-11	FC-350-05
PA-350S-22	375	355	323	62.5	-	99	118	-	6	Cloth	3	MP-350P-11	FC-350-05
PA-350S-23	375	355	323	62.5	-	99	118	-	6	Cloth	3	MP-350P-11	FC-350-05
PA-350S-24	375	355	323	62.5	-	99	118	-	6	Cloth	3	MP-350P-11	FC-350-05
PA-350S-25	375	355	323	63.5	-	99	118	-	6	Cloth	3	MP-350P-11	FC-350-05
PA-350S-27	375.5	356.3	322.5	62.1	2.0	100.3	121	-	6.1	Cloth	3	MP-350S-01	FC-350-35
PA-450P-01	440	409	359	104.5	2.1	77	-	504.2	3.7	Cloth	4	MP-450P-03	FC-450-03
PA-450P-03	432	418	372	113.5	1.5	76.6	-	489.7/79.4	5.9	Cloth	2	MP-450P-05	FC-450-09
PA-450P-04	432	418	372	110	1.5	76.8	-	862/121.2	5.9	Cloth	2	MB-450P-01	FC-450-09
PA-450P-05	438	418.6	372	103.5	1.5	76.8	-	862/121.2	8	Cloth	3	MB-450P-01	FC-450-16
PA-450P-06	438	418.6	372	102.5	-	76.5	101	-	8	Cloth	3	MP-450P-06	FC-450-16
PA-450P-07	440	418	372	106	-	77	-	862/121.2	5.9	Cloth	2	MB-450P-01	FC-450-09
PA-450P-08	432	418	372	107.6	-	76.6	-	489.7/79.4	5.9	Cloth	2	MP-450P-05	FC-450-09
PA-450S-08	440	409	359	119	-	100.5	102	-	3.3	Cloth	4	MP-450S-04	FC-450-04
PA-450S-13	430	410	361.5	107.5	-	101.5	-	440.5	4.9	Cloth	2	MP-450S-07	FC-450-15
PA-450S-14	430	406	360	109.6	-	101.5	-	440.5	5.7	Cloth	2	MP-450S-07	FC-450-07
PA-450S-17	439	418	371.9	113.5	-	101.5	-	440.5	5.9	Cloth	2	MP-450S-07	FC-450-09
PA-450S-20	440	422.9	372	109	-	101.5	101	-	8.2	Cloth	3	MP-450S-13	FC-450-17
PA-450S-22	442	425	393	100	-	101.5	108	-	7.3	Cloth	3	MP-450S-01	FC-450-11
PA-450S-24	440	423	372	106	1.3	101.5	101	-	8.2	Cloth	3	MP-450S-13	FC-450-17
PA-450S-25	442	423	393	103	-	101.5	108	-	7.3	Cloth	3	MP-450S-01	FC-450-11
PA-450S-26	440	423	372	111.5	1.3	101.5	101	-	8.2	Cloth	3	MP-450S-13	FC-450-17
PA-450S-28	442	425	393	102	-	101.5	108	-	7.3	Cloth	3	MP-450S-01	FC-450-11
PA-450S-30	440	423	372	106	-	101.5	101	-	8.2	Cloth	3	MP-450S-13	FC-450-17
PA-450S-31	423	419	372	106.5	-	100.5	-	440.5	5.9	Cloth	2	MP-450S-09	FC-450-09
PA-450S-32	438	421.5	368.5	104	-	101.5	101	-	8.5	Cloth	3	MP-450S-13	FC-450-16
PA-450S-33	440	423	372	106	-	101.5	101	-	8.2	Cloth	3	MP-450S-13	FC-450-17
PA-450S-34	438	420.5	370.5	109	-	99	101	-	8.4	Cloth	3	MP-450P-06	FC-450-16
PA-450S-35	438	420.5	370.5	108.4	3.7	100	101	-	8.4	Cloth	3	MP-450S-15	FC-450-16
PA-450S-36	438	420.5	370.5	108.4	3.7	100	101	-	8.4	Cloth	3	MP-450S-15	FC-450-16
PA-450S-37	438	420.5	370.5	84.5	-	99	-	862/121.2	8.4	Cloth	3	MB-450P-01	FC-450-16
PA-450S-38	438	419	372	90	-	99	-	862/121.2	5.9	Cloth	2	MB-450P-01	FC-450-09
PA-450S-39	440	423	372	110.5	-	101.5	101	-	8.2	Cloth	3	MP-450S-13	FC-450-17
PA-450S-40	432	418	369	108	-	101.2	-	348.6	7	Cloth	2	MP-450P-01	FC-450-20
PA-450S-41	442	425	393	103	-	98	108	-	7.3	Cloth	3	MP-450P-07	FC-450-11
PA-450S-42	442	425	393	103	-	98	108	-	7.3	Cloth	3	MP-450P-07	FC-450-11

Part No.	Overall Ø OD	Clamping Ø CD	Piston Ø PD	Effective Height EH	Neck Length NL	Inner Diameter Ø ID	Body Angle AN	Body Radius RAD	Roll Height RH	Edge Type	No. of Roll	Body Tooling	Edge Tooling
PA-450S-43	438	420.5	370.5	106	-	98	101	-	8.4	Cloth	3	MP-450P-06	FC-450-16
PA-450S-44	438	420.5	370.5	106	-	98	101	-	8.4	Cloth	3	MP-450P-06	FC-450-16
PA-450S-45	442	425	393	103	-	98	108	-	7.3	Cloth	3	MP-450P-07	FC-450-11
PA-450S-46	430	410	361.5	106	2.5	99	-	441	3.9	Cloth	2	MP-450S-09	FC-450-15
PA-450S-47	444	416.5	356.5	104	-	98	100	-	6.6	Cloth	3	MP-450P-08	FC-450-21
PA-450S-48	444	416.5	356.5	104	-	98	100	-	6.6	Cloth	3	MP-450P-08	FC-450-21
PA-450S-51	430	410	361.5	115.5	2.5	99	-	441	3.9	Cloth	2	MP-450S-07	FC-450-15
PA-450S-52	430	410	361.5	114	2.5	98.5	-	441	3.9	Cloth	2	MP-450S-07	FC-450-15
PA-450S-53	438	420.5	370.5	108.5	4	100	101	-	8.4	Cloth	3	MP-450S-15	FC-450-16
PA-450S-54	438	420.5	370.5	108.5	4	100	101	-	8.4	Cloth	3	MP-450S-15	FC-450-16
PA-450S-55	437	422.6	367.4	116.5	5	100	101	-	5.4	Cloth	2	MP-450S-16	FC-450-22
PA-450S-56	438	420.5	370.5	109	4	100	101	-	8.4	Cloth	3	MP-450S-15	FC-450-16
PA-450S-57	442	423	396	103	-	98	108	-	7.3	Cloth	3	MP-450P-07	FC-450-11
PA-450S-58	444	416.5	356.5	102	-	98	101	-	6.6	Cloth	3	MP-450P-06	FC-450-21
PA-450S-59	444	416.5	356.5	102	-	98	101	-	6.6	Cloth	3	MP-450P-06	FC-450-21
PA-450S-60	444	416.5	356.5	104	-	98	100	-	6.6	Cloth	3	MP-450P-08	FC-450-21
PA-450S-61	444	416.5	356.5	104	-	98	100	-	6.6	Cloth	3	MP-450P-08	FC-450-21
PA-450S-62	438	420.5	370.5	109	5	98	101	-	8.4	Cloth	3	MP-450S-18	FC-450-16
PA-450S-63	444	416.5	356.5	116	3.3	98	95	-	6.6	Cloth	3	MP-450S-17	FC-450-21
PA-450S-64	438	420.5	370.5	108	5	100	101	-	8.4	Cloth	3	MP-450S-19	FC-450-16
PA-450S-65	440	420	369	108.5	5	101.5	101	-	5.4	Cloth	3	MP-450S-13	FC-450-23
PA-450S-66	440	422.9	372	106	5	101.5	101	-	8.2	Cloth	3	MP-450S-13	FC-450-17
PA-450S-67	438	420.5	370.5	111.6	5	100.2	101	-	8.4	Cloth	3	MP-450S-19	FC-450-16
PA-450S-68	437	422.6	367.3	120.8	5	100	101	-	5.5	Cloth	2	MP-450S-16	FC-450-27
PA-450S-69	429	407.4	359	113.6	-	100.5	99	-	3.4	Cloth	2	MP-450P-09	FC-450-25
PA-450S-70	442.3	420.5	372	110	3	100.9	99	-	8.3	Cloth	3	MP-450S-21	FC-450-28
PA-450S-71	441	421	361	109	2.5	101.5	101	-	7	Cloth	3	MP-450S-13	FC-450-30
PA-450U-01	432	418	372	121	-	115	92	-	5.9	Cloth	2	MP-450S-14	FC-450-09
PA-450U-02	438	420.5	370.5	98	-	116.4	101	-	8.4	Cloth	3	MP-450S-18	FC-450-16
PA-450U-03	438	420.5	370.5	109.5	-	114	95	-	8.4	Cloth	3	MP-450S-17	FC-450-16
PA-450V-01	441	421	361	98.6	-	119	101	-	7	Cloth	3	MP-450S-13	FC-450-30
PA-450W-01	430	406	360	105.5	-	130	-	149/752	5.5	Cloth	2	MP-450S-12	FC-450-07
PA-450W-02	443	422	376	91.5	-	125.5	-	460	4.4	Cloth	3	MP-450S-10	FC-450-13
PA-450W-04	432	418	372	113	-	125	92	-	5.9	Cloth	2	MP-450S-14	FC-450-09
PA-450W-05	438	420.5	370.5	94	-	125	101	-	8.4	Cloth	3	MP-450P-06	FC-450-16
PA-450W-06	438	420.5	370.5	94	-	125	101	-	8.4	Cloth	3	MP-450P-06	FC-450-16
PA-450W-07	430	410	361.5	93.3	-	125	-	441	3.9	Cloth	2	MP-450S-07	FC-450-15

Part No.	Overall Ø OD	Clamping Ø CD	Piston Ø PD	Effective Height EH	Neck Length NL	Inner Diameter Ø ID	Body Angle AN	Body Radius RAD	Roll Height RH	Edge Type	No. of Roll	Body Tooling	Edge Tooling
PA-450W-08	438	420.5	370.5	94.5	-	125	101	-	8.4	Cloth	3	MP-450S-15	FC-450-16
PA-450W-09	440	422.9	372	106.5	-	127.5	95	-	8.2	Cloth	3	MP-450S-17	FC-450-17
PA-450W-10	440	408.7	357.1	98	-	125	-	441	3.4	Cloth	2	MP-450S-07	FC-450-24
PA-450Z-01	440	422.9	372	96	-	152.5	95	-	8.2	Cloth	3	MP-450S-17	FC-450-17
PA-530S-01	520	485	438	139	-	101.3	-	689	5	Cloth	2	MP-550S-01	FC-550-02
PA-530S-02	520	485	438	140	-	101	-	689	5	Cloth	2	MP-550S-01	FC-550-02
PA-530S-03	520	485	438	139	-	101.3	-	689	5	Cloth	2	MP-550S-01	FC-550-02
PA-530S-04	520	485	437	139	-	101.3	-	689	6	Cloth	2	MP-550S-01	FC-550-02
PA-530V-01	518	496.5	430	123.7	-	119	-	689	7.4	Cloth	3	MP-550S-01	FC-550-04
PA-530W-01	508	486	435	121	-	127	-	689	6	Cloth	3	MP-550S-01	FC-550-03