

Gun Accessories

Choosing the correct mix chambers, modules and tips

Choosing the right tips and mix chambers

1. Choose a Round or Flat pattern for your tip or mix chamber (typically round for foam and flat for coatings)
2. Specify "A" and "B" size for your orifice or chamber
3. Specify the desired tip size for your application

LEGEND

Fusion CS:

RD = Round Mix Chamber
 WD = Wide Mix Chamber
 FL = Flat Mix Chamber
 FT = Flat Tip

Fusion AP:

AR = Air (purge) Round Mix Chamber
 AF = Air (purge) Flat Mix Chamber
 AW = Air Wide Round Mix Chamber
 FT = Flat Tip (air-purge)

Fusion MP:

MR = Mechanical (purge) Round
 XR = Direct Impinge Round
 RTM = Round Tip Mechanical (purge)
 MF = Mechanical (Purge) Flat
 XF = Direct Impinge Flat
 FTM = Flat Tip Mechanical (purge)

CHAMBER/ORIFICE CONVERSION

Use this conversion chart to convert the Chamber size to the Orifice size.

Chamber Size	Orifice Size
000	.020
00	.029
01	.042
02	.052
03	.060
04	.070
05	.086

Gun	Mix Chamber/Tip	Pattern at 24 in (61 cm) from target	Polyurea in GPM @ 2000 psi	Foam in lb/min @ 1000 psi	
Fusion CS Round					
		x in (x mm)	x gpm	x lb/min	
	CS20RD	RD2020	5 in (127 mm)	0.5 gpm	3 lb/min
	CS00RD	RD0000	8 in (203 mm)	1.1 gpm	7 lb/min
	CS01RD	RD0101	11 in (279 mm)	1.6 gpm	9 lb/min
	CS02RD	RD0202	12 in (305 mm)	2.4 gpm	14 lb/min
	CS03RD	RD0303	14 in (356 mm)	NA	19 lb/min
Fusion CS Wide Round					
	CS22WD	WD2222	8 in (203 mm)	0.5 gpm	4.5 lb/min
	CS00WD	WD0000	15 in (381 mm)	1.1 gpm	7 lb/min
	CS01WD	WD0101	16 in (406 mm)	1.6 gpm	9 lb/min
	CS02WD	WD0202	18 in (457 mm)	2.4 gpm	14 lb/min
	CS03WD	WD0303	18 in (457 mm)	NA	19 lb/min
Fusion CS Flat					
	CS20F1	FL2020 w/FT0424	10 in (254 mm)	0.5 gpm	3 lb/min
	CS20F2	FL2020 w/FT0438	10 in (254 mm)	0.6 gpm	3 lb/min
	CS00F1	FL0000 w/FT0424	10 in (254 mm)	1.0 gpm	6 lb/min
	CS00F2	FL0000 w/FT0438	10 in (254 mm)	1.2 gpm	7 lb/min
	CS00F3	FL0000 w/FT0624	14 in (356 mm)	1.0 gpm	6 lb/min
	CS00F4	FL0000 w/FT0638	14 in (356 mm)	1.2 gpm	7 lb/min
	CS00F5	FL0000 w/FT0838	18 in (457 mm)	1.2 gpm	7 lb/min
	CS00F6	FL0000 w/FT0848	18 in (457 mm)	1.2 gpm	7 lb/min
	CS01F1	FL0101 w/FT0424	10 in (254 mm)	1.0 gpm	6 lb/min
	CS01F2	FL0101 w/FT0438	10 in (254 mm)	1.3 gpm	9 lb/min
	CS01F3	FL0101 w/FT0624	14 in (356 mm)	1.0 gpm	6 lb/min
	CS01F4	FL0101 w/FT0638	14 in (356 mm)	1.3 gpm	9 lb/min
	CS01F5	FL0101 w/FT0838	18 in (457 mm)	1.3 gpm	9 lb/min
	CS01F6	FL0101 w/FT0848	18 in (457 mm)	1.3 gpm	9 lb/min
	CS02F1	FL0202 w/FT0424	10 in (254 mm)	1.0 gpm	6 lb/min
	CS02F2	FL0202 w/FT0438	10 in (254 mm)	1.3 gpm	9 lb/min
	CS02F3	FL0202 w/FT0624	14 in (356 mm)	1.0 gpm	6 lb/min
	CS02F4	FL0202 w/FT0638	14 in (356 mm)	1.3 gpm	9 lb/min
	CS02F5	FL0202 w/FT0838	18 in (457 mm)	1.3 gpm	9 lb/min
	CS02F6	FL0202 w/FT0848	18 in (457 mm)	1.8 gpm	12 lb/min
Fusion Air-Purge Round					
	246099	AR2020	5 in (127 mm)	0.5 gpm	3 lb/min
	246100	AR2929	8 in (203 mm)	1.1 gpm	7 lb/min
	248617	AR3737	9 in (227 mm)	1.3 gpm	8 lb/min
	246101	AR4242	11 in (279 mm)	1.6 gpm	9 lb/min
	246102	AR5252	12 in (305 mm)	2.4 gpm	14 lb/min
	246103	AR6060	14 in (356 mm)	NA	19 lb/min
	246104	AR7070	15 in (381 mm)	NA	25 lb/min
	246105	AR8686	18 in (457 mm)	NA	35 lb/min
Fusion Air-Purge Wide Round					
	24D581	AW2828	15 in (381 mm)	1.1 gpm	7 lb/min
	NA	AW3333	15 in (381 mm)	1.3 gpm	8 lb/min
	249529	AW3939	16 in (406 mm)	1.6 gpm	9 lb/min
	249530	AW4646	18 in (457 mm)	2.4 gpm	14 lb/min
	NA	AW5757	18 in (457 mm)	NA	19 lb/min
	NA	AW6464	22 in (564 mm)	NA	25 lb/min
	NA	AW8282	24 in (610 mm)	NA	35 lb/min

Gun	Mix Chamber/Tip	Pattern at 24 in (61 cm) from target	Polyurea in GPM @ 2000 psi	Foam in lb/min @ 1000 psi
Fusion Air-Purge Flat				
247101	AF2020 (FT0424)	10 in (254 mm)	0.6 gpm	3 lb/min
247112	AF2929 (FT0438)	10 in (254 mm)	1.2 gpm	7 lb/min
247124	AF4242 (FT0638)	14 in (356 mm)	1.3 gpm	9 lb/min
247138	AF5252 (FT0848)	18 in (457 mm)	1.8 gpm	12 lb/min
Fusion Mechanical-Purge Round				
247003	XR2323 (RTM030)	6 in (152 mm)	0.5 gpm	4 lb/min
247007	XR2929 (RTM040)	8 in (203 mm)	0.9 gpm	7 lb/min
247212 / 247012	MR3535 / XR3535 (RTM040)	8 in (203 mm)	1.2 gpm	8 lb/min
247219 / 247019	MR4747 / XR4747 (RTM055)	9 in (227 mm)	1.7 gpm	10 lb/min
247226 / 247026	MR5757 / XR5757 (RTM070)	10 in (254 mm)	2.7 gpm	15 lb/min
247232	MR6666 (RTM080)	11 in (279 mm)	NA	24 lb/min
247239	MR8282 (RTM090)	12 in (305 mm)	NA	30 lb/min
247246	MR9494 (RTM110)	12 in (305 mm)	NA	39 lb/min
Fusion Mechanical-Purge Flat				
247051	XF1313 (FTM424)	10 in (254 mm)	0.15 gpm	1.5 lb/min
247258 / 247058	MF1818 / XF1818 (FTM424)	10 in (254 mm)	0.3 gpm	2 lb/min
247061	XF 2323 (FTM424)	10 in (254 mm)	0.4 gpm	2.5 lb/min
247265 / 247065	MF2929 / XF2929 (FTM424)	10 in (254 mm)	0.6 gpm	3 lb/min
247275 / 247075	MF3535 / XF3535 (FTM638)	14 in (356 mm)	0.9 gpm	6 lb/min
247282 / 247082	MF4747 / XF4747 (FTM638)	14 in (356 mm)	1.1 gpm	7 lb/min
247289 / 247089	MF5757 / XF5757 (FTM638)	14 in (356 mm)	1.3 gpm	8 lb/min
P2 Gun				
GCP2RA	GC250A w/GC251A	5 in (127 mm)	0.4 gpm	3 lb/min
GCP2R0	GC2500 w/GC2510	9 in (229 mm)	1.1 gpm	8 lb/min
GCP2R1	GC2501 w/GC2511	10 in (254 mm)	1.6 gpm	12 lb/min
GCP2R2	GC2502 w/ GC2512	12 in (305 mm)	2.5 gpm	16 lb/min
GCP2R3	GC2503 w/ GC2513	14 in (356 mm)	NA	24 lb/min
GCP2R4	GC2504 w/ GC2514	15.5 in (394 mm)	NA	29 lb/min
GCP2R5	GC2505 w/ GC2515	18 in (457 mm)	NA	36 lb/min
P2 Elite Gun				
GCP3RA	GC250A w/GC251A	5 in (127 mm)	0.4 gpm	3 lb/min
GCP3R0	GC2500 w/GC2510	9 in (229 mm)	1.1 gpm	8 lb/min
GCP3R1	GC2501 w/GC2511	10 in (254 mm)	1.6 gpm	12 lb/min
GCP3R2	GC2502 w/ GC2512	12 in (305 mm)	2.5 gpm	16 lb/min
GCP3R3	GC2503 w/ GC2513	14 in (356 mm)	NA	24 lb/min
GCP3R4	GC2504 w/ GC2514	15.5 in (394 mm)	NA	29 lb/min
GCP3R5	GC2505 w/ GC2515	18 in (457 mm)	NA	36 lb/min
P2 Auto Gun				
GCP4RA	GC250A w/GC251A	5 in (127 mm)	0.4 gpm	3 lb/min
GCP4R0	GC2500 w/GC2510	9 in (229 mm)	1.1 gpm	8 lb/min
GCP4R1	GC2501 w/GC2511	10 in (254 mm)	1.6 gpm	12 lb/min
GCP4R2	GC2502 w/ GC2512	12 in (305 mm)	2.5 gpm	16 lb/min
GCP4R3	GC2503 w/ GC2513	14 in (356 mm)	NA	24 lb/min
GCP4R4	GC2504 w/ GC2514	15.5 in (394 mm)	NA	29 lb/min
GCP4R5	GC2505 w/ GC2515	18 in (457 mm)	NA	36 lb/min

PART NUMBER EXAMPLES

FT0438

Fusion CS or Fusion AP Flat Tip
 Fan Pattern Width = 8 in (double this number)
 Tip Orifice Size = .038 in



RD0202

Fusion CS Round Mix Chamber
 First 02 = "A" (ISO) Chamber Size
 Second 02 = "B" (RES) Chamber Size



AF4242

Fusion AP Flat Mix Chamber
 First 42 = "A" (ISO) Orifice Size = .042
 Second 42 = "B" (RES) Orifice Size = .042



FTM424

Fusion MP Flat Tip Mechanical
 Fan Pattern Width = 8 in (double this number)
 Tip Orifice Size = .024 in



RTM030

Fusion MP Round Tip Mechanical
 Tip Orifice Size = .030 in



MR 2929

Fusion MP Mechanical Round Mix Module
 First 29 = "A" (ISO) Orifice Size = .029
 Second 29 = "B" (RES) Orifice Size = .029

