



## BPI COMPONENT GUIDE:

# 12GA 3" FIOCCHI 616 MAGNUM

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Fiocchi hulls are an excellent choice for field loads. Fiocchi's straight-wall design provides plenty of room for components and loads of all types. The top edge of these hulls are skived (tapered) for easy crimping. The brass is 16mm tall. The interior base wad (plastic disk) is 7mm. These particular hulls are primed with Fiocchi's 616M Magnum primer. Our lab has developed a number of excellent field loads with the hulls utilizing our BPX Devastator shot and steel shot.

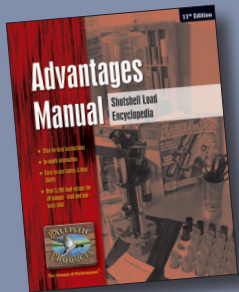
Primed hulls are not regulated under 49CFR Special Provision 50 and do not require a hazmat charge when shipping by ground service.

**\* WARNING: PRIMER NOTICE: THIS HULL UTILIZES THE FIOCCHI "MAGNUM" PRIMER, WHICH IS NOT THE SAME AS THE FIOCCHI 616 PRIMER. DO NOT USE THE FIOCCHI MAGNUM PRIMER IN LOAD DATA THAT SPECIFIES THE STANDARD FIOCCHI 616 PRIMER.**

**ALWAYS FOLLOW THE LOAD DATA AND THE PRIMER THAT IS CALLED FOR IN THE TESTED LOAD.**

## RECOMMENDED MANUALS

There is so much more to shotshell reloading than just the load data. Safety is your TOP priority. In order to become a safe and competent reloader, one must continue the learning process by reading and researching. Don't try to outsmart the instructions! We offer over a half century of loading knowledge, wit, and wisdom in our publications. Our manuals are continually upgraded with new data and the latest tools and techniques. Available in print version or downloads from our website. **Therefore, we encourage you to master the information in our manuals, brochures, and "Load of the Week" at [www.ballisticproducts.com](http://www.ballisticproducts.com)**



### TECHNICAL SPECS:

OVERALL LENGTH:	2.980"
DEPTH:	2.780"
BRASS:	0.630"
THICKNESS:	0.030"
BASEWAD:	7mm



LD12FIO1230M



**WARNING**

Cancer and Reproductive Harm  
- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

LOAD ID	GA.	HULL	PRIMER	POWDER	POWDER GRNS.	GAS SEAL	WAD	FILLER WADS & LOAD INSERTS	OVER SHOT	SHOT (OZ.)	SHOT (GRNS.)	SHOT SIZE	BUFFER (GRAINS)	PSI	FPS
<b>12-GAUGE • 3" LENGTH • BPX DEVASTATOR SHOT • FOLD CRIMP</b>															
10930	12	Fiocchi	Fio616M	Longshot	25.0	FS12	BP12 (slit)	14FW20 in base	0S12	1 1/4	546.9	BPX-12 #5		8542	1200
10931	12	Fiocchi	Fio616M	Longshot	27.5	FS12	BP12 (slit)	14CW20 in base	0S12	1 1/4	546.9	BPX-12 #2		8900	1250
10932	12	Fiocchi	Fio616M	Longshot	28.5	FS12	BP12 (slit)	14CW20 in base	0S12	1 1/4	546.9	BPX-12 #2		10700	1310
<b>12-GAUGE • 3" LENGTH • STEEL SHOT • FOLD CRIMP</b>															
220815-11308	12	Fiocchi	Fio616M	Steel	41.0		RANGER ELITE	14CW20 in base	0S12	1	437.5	Steel #2		10500	1600
221212-11592.2	12	Fiocchi	Fio616M	Steel	33.1		TPS1275		0S12	1 1/8	492.2	Steel #3		11200	1429
10912	12	Fiocchi	Fio616M	<i>IMR Blue</i>	30.0		TPS1230		0S12		525.0	Steel	18gr Original	10853	1208
10915	12	Fiocchi	Fio616M	Steel	30.0		TPS1230		0S12		525.0	Steel	18gr Original	10418	1328
10916	12	Fiocchi	Fio616M	Steel	31.0		TPS1230		0S12		525.0	Steel	18gr Original	10015	1335

## OTHER USEFUL COMPONENTS



**20GA 1/8" CORK WADS**  
18CW20 | #1222820



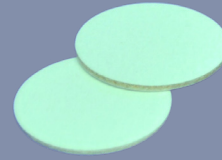
**20GA 1/4" CORK WADS**  
14CW20 | #1222420



**20GA 1/8" FELT WADS**  
18FW20 | #1221820



**20GA 1/4" FELT WADS**  
14FW20 | #1221420



**12GA OVERSHOT CARDS**  
0S12 | #0S 12

Filler & cushion wads occupy space below the pellets so that the load can be crimped properly. Remember, different payloads and different pellet sizes occupy different volumes, so you will want an assortment of sizes on hand. Overshot cards improve overall crimp quality and seal in small shot and/or buffer. **We recommend 20 gauge felt or cork fillers for inside the 12 gauge wads.**

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**ITALICIZED COMPONENTS ARE NO LONGER IN PRODUCTION, BUT MAY STILL BE FOUND IN CIRCULATION. CONSULT YOUR RELOADING MANUAL FOR ADDITIONAL DETAILS AND INFORMATION.**

# PRIMER COMPARISON IN AN IDENTICAL LOAD\*

Hull	Primer	Wad/Slug & Inserts	Shot/Size/Oz/gr	Powder/Gr.	Crimp/Note	Load #	FPS @ 3'	PSI	ref: 11175
Fiocchi	Fiocchi 616 standard	CS12S	Lead #8	Hodgdon	Fold 8-pt.	11175	1228	8301	BASELINE
12ga 2.75"		Comp Special Short	1 1/8	Universal					
2/2/2022			492	24.5					

Hull	Primer	Wad/Slug & Inserts	Shot/Size/Oz/gr	Powder/Gr.	Crimp/Note	Load #	FPS @ 3'	PSI	% of Baseline: FPS	% of Baseline: PSI
Fiocchi	Fiocchi 616 Magnum	CS12S	Lead #8	Hodgdon	Fold 8-pt.	11177	1305	10582	5.9%	21.6%
12ga 2.75"		Comp Special Short	1 1/8	Universal						
2/2/2022			492	24.5						

Hull	Primer	Wad/Slug & Inserts	Shot/Size/Oz/gr	Powder/Gr.	Crimp/Note	Load #	FPS @ 3'	PSI	% of Baseline: FPS	% of Baseline: PSI
Fiocchi	Federal 209A	CS12S	Lead #8	Hodgdon	Fold 8-pt.	11184	1284	10019	4.3%	17.1%
12ga 2.75"		Comp Special Short	1 1/8	Universal						
2/2/2022			492	24.5						

Hull	Primer	Wad/Slug & Inserts	Shot/Size/Oz/gr	Powder/Gr.	Crimp/Note	Load #	FPS @ 3'	PSI	% of Baseline: FPS	% of Baseline: PSI
Fiocchi	Cheddite 209	CS12S	Lead #8	Hodgdon	Fold 8-pt.	11182	1244	8629	1.3%	3.8%
12ga 2.75"		Comp Special Short	1 1/8	Universal						
2/2/2022			492	24.5						

Hull	Primer	Wad/Slug & Inserts	Shot/Size/Oz/gr	Powder/Gr.	Crimp/Note	Load #	FPS @ 3'	PSI	% of Baseline: FPS	% of Baseline: PSI
Fiocchi	Rem STS 209	CS12S	Lead #8	Hodgdon	Fold 8-pt.	11181	1214	7938	-1.2%	-4.6%
12ga 2.75"		Comp Special Short	1 1/8	Universal						
2/2/2022			492	24.5						

Hull	Primer	Wad/Slug & Inserts	Shot/Size/Oz/Gr.	Powder/Gr.	Crimp/Note	Load #	FPS @ 3'	PSI	% of Baseline: FPS	% of Baseline: PSI
Fiocchi	Win 209	CS12S	Lead #8	Hodgdon	Fold 8-pt.	11179	1251	9143	1.8%	9.2%
12ga 2.75"		Comp Special Short	1 1/8	Universal						
2/2/2022			492	24.5						

Hull	Primer	Wad/Slug & Inserts	Shot/Size/Oz/gr	Powder/Gr.	Crimp/Note	Load #	FPS @ 3'	PSI	% of Baseline: FPS	% of Baseline: PSI
Fiocchi	Rio 209	CS12S	Lead #8	Hodgdon	Fold 8-pt.	11180	1248	8770	1.6%	5.3%
12ga 2.75"		Comp Special Short	1 1/8	Universal						
2/2/2022			492	24.5						

Hull	Primer	Wad/Slug & Inserts	Shot/Size/Oz/gr	Powder/Gr.	Crimp/Note	Load #	FPS @ 3'	PSI	% of Baseline: FPS	% of Baseline: PSI
Fiocchi	CCI-209 Magnum	CS12S	Lead #8	Hodgdon	Fold 8-pt.	11178	1263	9240	2.8%	10.2%
12ga 2.75"		Comp Special Short	1 1/8	Universal						
2/2/2022			492	24.5						

Hull	Primer	Wad/Slug & Inserts	Shot/Size/Oz/gr	Powder/Gr.	Crimp/Note	Load #	FPS @ 3'	PSI	% of Baseline: FPS	% of Baseline: PSI
Fiocchi	NobelSport 209	CS12S	Lead #8	Hodgdon	Fold 8-pt.	11176	1209	7800	-1.6%	-6.4%
12ga 2.75"		Comp Special Short	1 1/8	Universal						
2/2/2022			492	24.5						

Hull	Primer	Wad/Slug & Inserts	Shot/Size/Oz/gr	Powder/Gr.	Crimp/Note	Load #	FPS @ 3'	PSI	% of Baseline: FPS	% of Baseline: PSI
Fiocchi	CCI-209 standard	CS12S	Lead #8	Hodgdon	Fold 8-pt.	11183	1194	7665	-2.8%	-8.3%
12ga 2.75"		Comp Special Short	1 1/8	Universal						
2/2/2022			492	24.5						

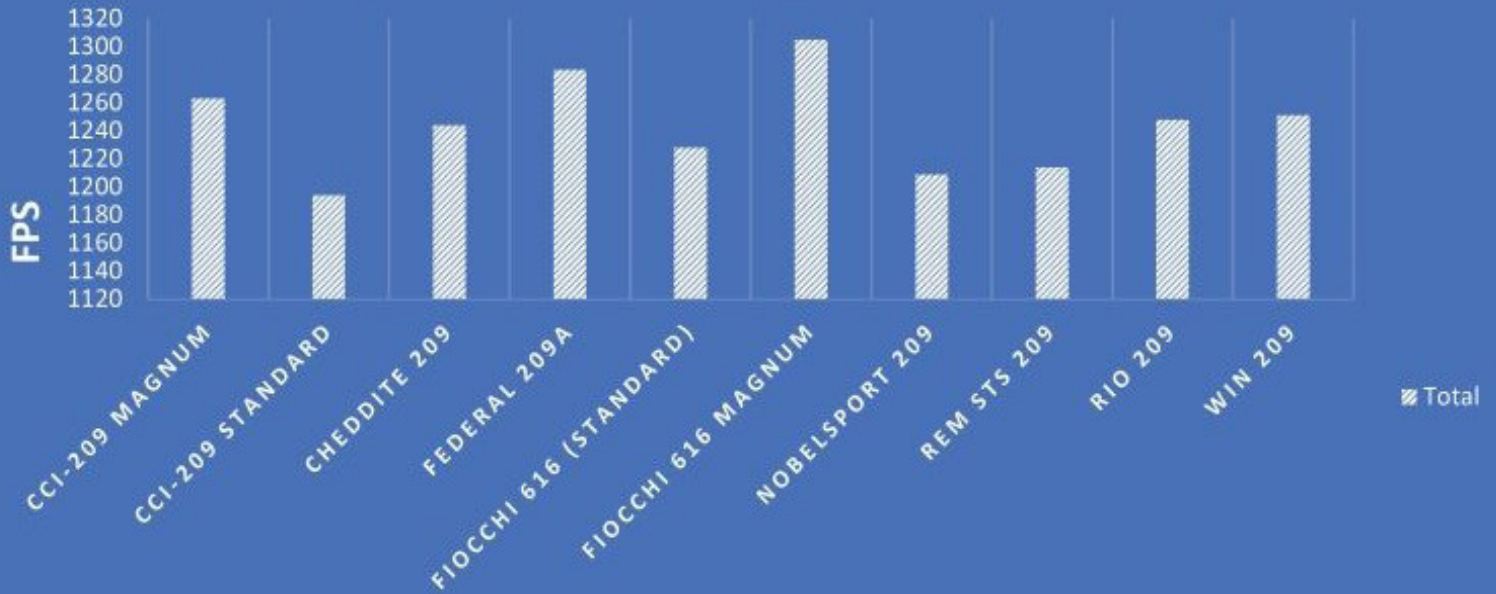
  

Hull	Primer	Wad/Slug & Inserts	Shot/Size/Oz/gr	Powder/Gr.	Crimp/Note	Load #	FPS @ 3'	PSI	% of Baseline: FPS	% of Baseline: PSI
Fiocchi	Cheddite 209 HOT	CS12S	Lead #8	Hodgdon	Fold 8-pt.	11701	1285	9755	4.4%	14.9%
12ga 2.75"		Comp Special Short	1 1/8	Universal					% of CH209: FPS	% of CH209: PSI
2/2/2022			492	24.5					3.2%	11.5%

\*THIS DATA IS FOR DEMONSTRATIVE PURPOSES ONLY. DO NOT ATTEMPT TO SWAP PRIMERS IN LOAD DATA BASED ON THESE RESULTS.

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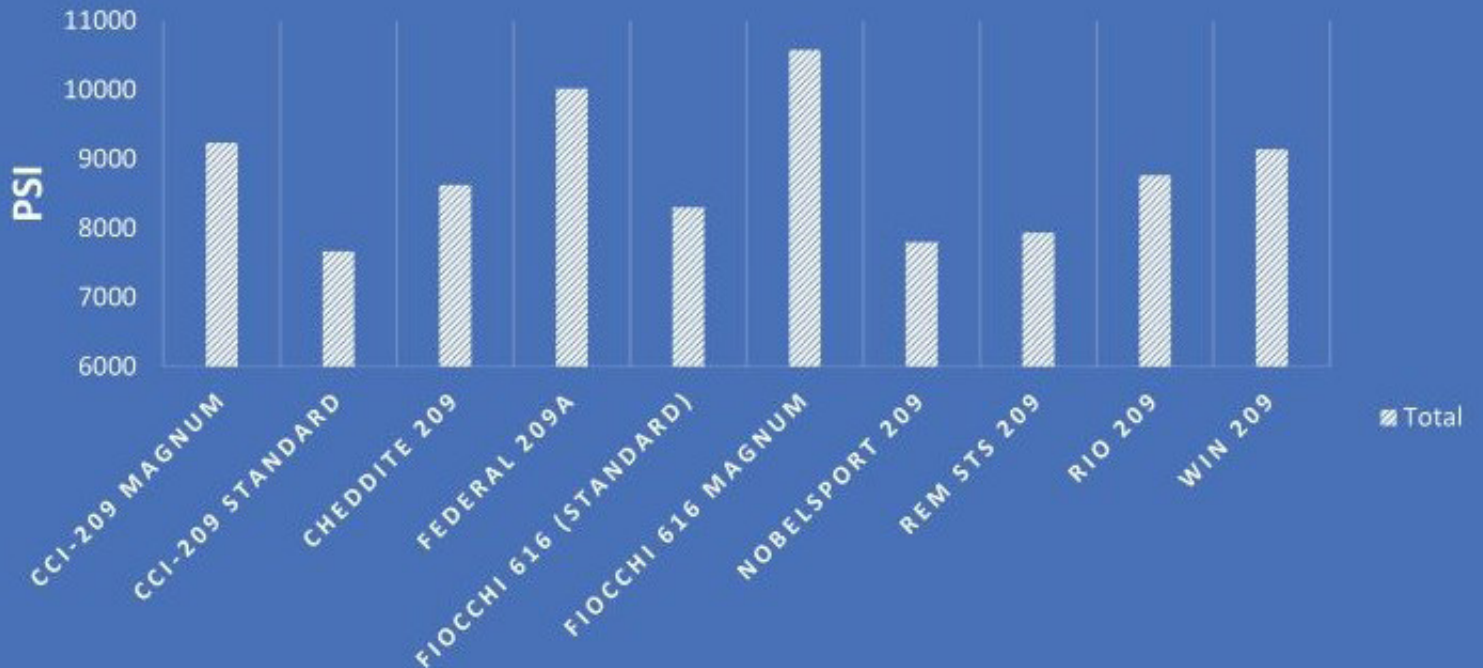
## COMPARISON OF PRIMERS: IMPACT ON FPS



### Primers

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## COMPARISON OF PRIMERS: IMPACT ON PSI



### Primers

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