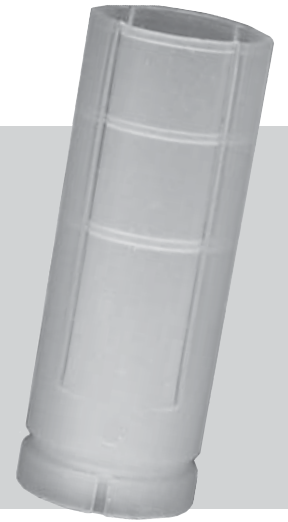




HelarcoUS VP91

#222VP91

#LD20VP91100111



Notes:

The VP91 20ga lead, ITX™, or steel column wad (static wad, no cushion) is designed for field loads in 2-3/4" and 3" 20ga rounds. Its best application is 1-1/8-ounce lead game loads, 1-ounce ITX™ game loads, and 3/4 ounce steel shot loads. It is preslit for loading convenience.

The 20ga VP91 is 1.660" in overall length with shotcup depth of 1.460" and four 45-degree angled slits (1.280" long). The VP91 has a tapered interior with wall thickness running near the mouth at .035" to a base side thickness of .060". The gas seal is .620" diameter & .125" deep. The VP91 wad loads ideally in 2.75" hulls of most all types. When utilized in 3" 20ga hulls a gas seal or nitro card may be utilized for fit and finish purposes. Slower burn rate propellants are utilized with this wad.

Technical Specs:

Gas seal:	Single-step recessed obturator
Shotcup body:	1.660"
Shotcup depth:	1.460"
Seal to cup bottom:	N/A
Shotcup type:	Four-petal, 45-degree angled slit
Number of slits:	4
Maximum load amount:	1 1/8 oz. (lead), 365 gr. (steel)

Lead Loads

ID #	Ref.#	Ga	Lgth.	Hull	Primer	Powder	Gr.	Wad	OS Card	Oz.	Shot	Buffer	PSI	FPS	Other	Crimp
90226	482	20	2.75	Fiocchi	Fio-616	Steel	20.0	VP91	OS20	1 1/8	Lead #6		10800	1200	Mica dust wad	Fold

Steel Loads

ID #	Ref.#	Ga	Lgth.	Hull	Primer	Powder	Gr.	Wad	OS Card	Oz.	Shot	Buffer	PSI	FPS	Other	Crimp
91008	1438	20	2.75	Federal TopGun	CH-209	800-X	15.5	VP91		365gr	Steel #7		11000	1180	Mica dust wad	Fold
91008	1438T	20	2.75	Federal TopGun	CH-209	800-X	15.7	VP91		365gr	Steel #7		11300	1200	Mica dust wad	Fold
91008	1441T	20	2.75	Federal TopGun	CH-209	Blue Dot	22.0	VP91		365gr	Steel #7		10700	1200	Mica dust wad	Fold
91008	1442B	20	2.75	Federal TopGun	CH-209	Blue Dot	23.0	VP91		365gr	Steel #7		11100	1245	Mica dust wad	Fold
91008	1442	20	2.75	Federal TopGun	CH-209	Blue Dot	24.0	VP91		365gr	Steel #7		11500	1300	Mica dust wad	Fold
90604	951	20	2.75	Fiocchi	Fio-616	SR-4756	23.0	VP91		365gr	Steel #7		11300	1380	Mica dust wad	Fold
91008	1439	20	2.75	Federal TopGun	CH-209	SR-7625	16.5	VP91		365gr	Steel #7		10900	1190	Mica dust wad	Fold
91008	1440T	20	2.75	Federal TopGun	CH-209	SR-7625	16.7	VP91		365gr	Steel #7		11100	1200	Mica dust wad	Fold
91008	1440	20	2.75	Federal TopGun	CH-209	SR-7625	17.0	VP91		365gr	Steel #7		11600	1225	Mica dust wad	Fold
90923	1351	20	2.75	Fiocchi	Fio-616	SR-7625	17.0	VP91	OS20	365gr	Steel #7		11600	1215	Mica dust wad	Fold
90604	949	20	2.75	Fiocchi	Fio-616	Steel	21.0	VP91	OS20	365gr	Steel #7		9600	1325	Mica dust wad	Fold
90604	950B	20	2.75	Fiocchi	Fio-616	Steel	21.5	VP91		365gr	Steel #7		9800	1340	Mica dust wad	Fold
90604	950	20	2.75	Fiocchi	Fio-616	Steel	22.0	VP91		365gr	Steel #7		10000	1355	Mica dust wad	Fold
91008	1437	20	2.75	Federal TopGun	CH-209	Universal Clays	14.5	VP91		365gr	Steel #7		10400	1160	Mica dust wad	Fold

ITX™ Loads

ID #	Ref.#	Ga	Lgth.	Hull	Primer	Powder	Gr.	Wad	OS Card	Oz.	Shot	Buffer	PSI	FPS	Other	Crimp
91002	1421	20	2.75	Fiocchi	Fio-616	PB	17.0	NC20 + VP91 + 18FW20		3/4	ITX#6		9600	1245	Mica dust wad	Fold
80922	55	20	2.75	Fiocchi	Fio-616	800-X	19.0	VP91	OS20	7/8	ITX#4	buffer 12gr	11400	1265	Mica dust wad	Fold

ID #	Ref.#	Ga	Lgth.	Hull	Primer	Powder	Gr.	Wad	OS Card	Oz.	Shot	Buffer	PSI	FPS	Other	Crimp
90813	1144	20	2.75	Fiocchi	Fio-616	Lil Gun	31.0	VP91	OS20	7/8	ITX#6		9700	1360	Mica dust wad	Fold
90109	316	20	2.75	Fiocchi	Fio-616	Longshot	19.5	VP91 + 18FW20	OS20	7/8	ITX#2		11000	1325	Mica dust wad	Fold
90811	1131	20	2.75	Fiocchi	Fio-616	Longshot	19.5	NC20 + VP91 +18FW20		7/8	ITX#6		11100	1340	Mica dust wad	Fold
90810	1125	20	2.75	Fiocchi	Fio-616	Longshot	20.0	NC20 + VP91 + 18FW20		7/8	ITX#6		11900	1390	Mica dust wad	Fold
90109	317	20	2.75	Fiocchi	Fio-616	Longshot	21.0	VP91 + 18FW20	OS20	7/8	ITX#2		11700	1390	Mica dust wad	Fold
90109	319	20	2.75	Fiocchi	Fio-616	PB	16.5	VP91		7/8	ITX#4		11600	1235	Mica dust wad	Fold
90109	318	20	2.75	Fiocchi	Fio-616	SR-4756	20.0	VP91 + 18FW20	OS20	7/8	ITX#2		9000	1140	Mica dust wad	Fold
90810	1124	20	2.75	Fiocchi	Fio-616	SR-4756	22.0	VP91 + 18FW20		7/8	ITX#6		10900	1310	Mica dust wad	Fold
90812	1132	20	2.75	Fiocchi	Fio-616	Steel	23.0	VP91		7/8	ITX#6		11700	1400	Mica dust wad	Fold
90109	320	20	2.75	Fiocchi	Fio-616	Universal Clays	16.0	VP91 + 18FW20		7/8	ITX#2		10500	1180	Mica dust wad	Fold
90109	320A	20	2.75	Fiocchi	Fio-616	Universal Clays	17.0	VP91 + 18FW20		7/8	ITX#2		11000	1230	Mica dust wad	Fold
90224	460	20	3.00	Fiocchi	Fio-616	Blue Dot	27.0	VP91		1	ITX#4		11000	1290	Mica dust wad	Fold

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