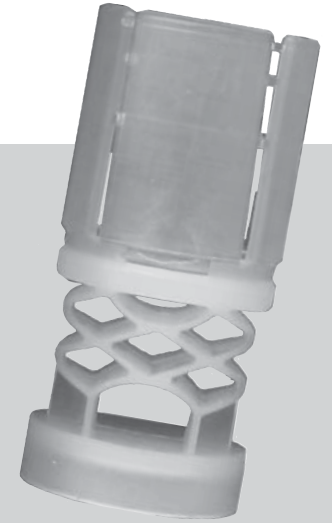




# HelarcoUS VP20

## #222 VP20

#LD12VP20091016



### Notes:

YES! It's a curiously-named 12 gauge lead target & small game wad. Think trap, skeet, sporting clays and game loads in 1-1/8 ounce in all hulls with this versatile mid to long-range wad. The VP20 offers a bit more room to accommodate intermediate burn-rate propellants (e.g., Green Dot, Solo-1000, American Select, E-3, International Clays, Universal Clays, PB).

We apply this wad to utility clays loads. We have found that it yields softer recoil with intermediate burn rate powders. Excellent consistency with these loads. VP20 overall length is 1.560" with a multi-folding cushion section (.495"), a shotcup depth of .795" with four "quick-opening" petals. The gas seal is the standard Helarco deep-set .730" diameter & .160" deep. The VP20 wad reloads well at 1-1/8 ounce lead in straight-wall (Fiocchi, MultiHull, Federal) hulls and tapered hulls (Win WAA-HS & Remington STS) target hulls. The propellants utilized are some fast burned powders, but most loads call for intermediate burn-rate propellants. Velocity ranges of 1100 FPS to 1300 FPS in 1-1/8 oz loads.

### Technical Specs:

Gas seal:	Single-step recessed obturator
Shotcup body:	.900"
Shotcup depth:	.795"
Seal to cup bottom:	.660"
Shotcup type:	Four-petal stitched cup
Number of slits:	4
Maximum load amount:	1 1/8 oz. (taper), 1 1/8 - 1 1/4 oz. (str.)

### Lead Loads

ID #	Ref.#	Ga	Length	Hull	Primer	Powder	Gr.	Wad	OS Card	Oz.	Shot	PSI	FPS	Other	Crimp	Notes
80505	817	12	2.75	Rem. STS	Win-209	Universal Clays	31.5	VP20		1	Lead #6	11500	1600	Mica dust wad	Fold	
80619	376	12	2.75	Fiocchi	Fio-616	Clays	18.0	VP20	OS12	1 1/8	Lead #7.5	8600	1155	Mica dust wad	Fold	
90504	812C	12	2.75	Fiocchi	Fio-616	Clays	19.0	VP20	OS12	1 1/8	Lead #8	9900	1200	Mica dust wad	Fold	
90504	812	12	2.75	Fiocchi	Fio-616	Clays	19.5	VP20	OS12	1 1/8	Lead #8	10500	1235	Mica dust wad	Fold	
90504	813	12	2.75	Fiocchi	Fio-616	Clays	20.2	VP20	OS12	1 1/8	Lead #8	11000	1275	Mica dust wad	Fold	
90819	1192T	12	2.75	Win AA original	Win-209	E-3	16.8	VP20		1 1/8	Lead #7.5	10600	1200	Mica dust wad	Fold	
90819	1192	12	2.75	Win AA original	Win-209	E-3	17.0	VP20		1 1/8	Lead #7.5	10800	1215	Mica dust wad	Fold	
90505	827	12	2.75	Win AA-HS	Win-209	E-3	17.5	VP20		1 1/8	Lead #7.5	11000	1230	Mica dust wad	Fold	
90505	818	12	2.75	Fiocchi	Fio-616	Green Dot	20.0	VP20	OS12	1 1/8	Lead #8	9700	1225	Mica dust wad	Fold	
90505	819C	12	2.75	Fiocchi	Fio-616	Green Dot	21.0	VP20	OS12	1 1/8	Lead #8	9800	1240	Mica dust wad	Fold	
90505	819	12	2.75	Fiocchi	Fio-616	Green Dot	22.0	VP20	OS12	1 1/8	Lead #8	10000	1260	Mica dust wad	Fold	
90505	820C	12	2.75	Fiocchi	Fio-616	Green Dot	23.0	VP20	OS12	1 1/8	Lead #8	10200	1290	Mica dust wad	Fold	
90505	820	12	2.75	Fiocchi	Fio-616	Green Dot	24.0	VP20	OS12	1 1/8	Lead #8	10600	1330	Mica dust wad	Fold	
90504	815	12	2.75	Win AA-HS	Win-209	International Clays	18.0	VP20		1 1/8	Lead #8	8800	1140	Mica dust wad	Fold	
90504	815B	12	2.75	Win AA-HS	Win-209	International Clays	18.6	VP20		1 1/8	Lead #8	9100	1200	Mica dust wad	Fold	
90504	816C	12	2.75	Win AA-HS	Win-209	International Clays	19.0	VP20		1 1/8	Lead #8	9500	1220	Mica dust wad	Fold	
90404	816	12	2.75	Win AA-HS	Win-209	International Clays	20.0	VP20		1 1/8	Lead #8	10300	1245	Mica dust wad	Fold	
80616	374	12	2.75	Fiocchi	Fio-616	International Clays	22.0	VP20	OS12	1 1/8	Lead #7.5	9500	1265	Mica dust wad	Fold	
91029	1530	12	2.75	Rio	Rio-209	PB	23.3	VP20	OS12	1 1/8	Lead#8	8700	1200	Mica dust wad	Fold	
91029	1526	12	2.75	Rio	Rio-209	PB	26.0	VP20		1 1/8	Lead#8	8700	1265	Mica dust wad	Fold	
91029	1532	12	2.75	Rio	Rio-209	Red Dot	20.0	VP20	OS12	1 1/8	Lead#8	10600	1255	Mica dust wad	Fold	
91029	1531	12	2.75	Rio	Rio-209	Red Dot	21.5	VP20	OS12	1 1/8	Lead#8	11200	1295	Mica dust wad	Fold	

ID #	Ref.#	Ga	Length	Hull	Primer	Powder	Gr.	Wad	OS Card	Oz.	Shot	PSI	FPS	Other	Crimp	Notes
91029	1529	12	2.75	Rio	Rio-209	Unique	23.0	VP20	OS12	1 1/8	Lead#8	8600	1210	Mica dust wad	Fold	
91029	1528	12	2.75	Rio	Rio-209	Unique	25.0	VP20	OS12	1 1/8	Lead#8	9400	1295	Mica dust wad	Fold	
91030	1538	12	2.75	Rio	Rio-209	800X	27.0	VP20		1 1/4	Lead#6	10200	1320	Mica dust wad	Fold	
91030	1539B	12	2.75	Rio	Rio-209	800X	28.0	VP20		1 1/4	Lead#6	10600	1360	Mica dust wad	Fold	
91030	1539	12	2.75	Rio	Rio-209	800X	29.0	VP20		1 1/4	Lead#6	11000	1395	Mica dust wad	Fold	
90505	821	12	2.75	Fiocchi	Fio-616	Green Dot	20.0	VP20		1 1/4	Lead #6	10000	1180	Mica dust wad	Fold	
90505	822	12	2.75	Fiocchi	Fio-616	Green Dot	22.0	VP20		1 1/4	Lead #6	10400	1230	Mica dust wad	Fold	
91030	1537	12	2.75	Rio	Rio-209	Herco	27.0	VP20		1 1/4	Lead#6	9200	1280	Mica dust wad	Fold	
91016	1518	12	2.75	Win AA-HS	Win-209	HS6	29.0	VP20		1 1/4	Lead #6	10900	1290	Mica dust wad	Fold	
91026	1517	12	2.75	Win AA-HS	Win-209	Longshot	27.0	VP20		1 1/4	Lead #6	10400	1325	Mica dust wad	Fold	
91029	1523	12	2.75	Rio	Rio-209	PB	25.0	VP20		1 1/4	Lead#6	9500	1235	Mica dust wad	Fold	
91030	1541	12	2.75	Rio	Rio-209	PB	27.0	VP20		1 1/4	Lead#6	10300	1310	Mica dust wad	Fold	
91030	1543	12	2.75	Rio	Rio-209	SR7625	28.0	VP20		1 1/4	Lead#6	9400	1250	Mica dust wad	Fold	
91030	1544B	12	2.75	Rio	Rio-209	SR7625	29.0	VP20		1 1/4	Lead#6	9700	1285	Mica dust wad	Fold	
91030	1544	12	2.75	Rio	Rio-209	SR7625	30.0	VP20		1 1/4	Lead#6	10200	1335	Mica dust wad	Fold	
91030	1545	12	2.75	Rio	Rio-209	SR7625	32.0	VP20		1 1/4	Lead#6	10500	1380	Mica dust wad	Fold	
90505	823	12	2.75	Fiocchi	Fio-616	Unique	22.0	VP20		1 1/4	Lead #6	9500	1185	Mica dust wad	Fold	
90505	824	12	2.75	Fiocchi	Fio-616	Unique	24.0	VP20		1 1/4	Lead #6	9900	1240	Mica dust wad	Fold	
91030	1540	12	2.75	Rio	Rio-209	Unique	27.0	VP20		1 1/4	Lead#6	9900	1300	Mica dust wad	Fold	
90505	825	12	2.75	Fiocchi	Fio-616	Universal Clays	26.0	VP20		1 1/4	Lead #6	9700	1255	Mica dust wad	Fold	
91029	1524	12	2.75	Rio	Rio-209	Universal Clays	26.0	VP20		1 1/4	Lead#6	9500	1265	Mica dust wad	Fold	
90505	826C	12	2.75	Fiocchi	Fio-616	Universal Clays	27.0	VP20		1 1/4	Lead #6	10400	1300	Mica dust wad	Fold	
91029	1524B	12	2.75	Rio	Rio-209	Universal Clays	27.0	VP20		1 1/4	Lead#6	9900	1330	Mica dust wad	Fold	
90505	826	12	2.75	Fiocchi	Fio-616	Universal Clays	28.0	VP20		1 1/4	Lead #6	11200	1390	Mica dust wad	Fold	
91029	1525	12	2.75	Rio	Rio-209	Universal Clays	28.0	VP20		1 1/4	Lead#6	10400	1360	Mica dust wad	Fold	
91030	1542	12	2.75	Rio	Rio-209	Universal Clays	29.5	VP20		1 1/4	Lead#6	11200	1425	Mica dust wad	Fold	

ITX™ Loads

ID #	Ref.#	Ga	Length	Hull	Primer	Powder	Gr.	Wad	OS Card	Oz.	Shot	PSI	FPS	Other	Crimp	Notes
91016	1502	12	2.75	Rem. STS	Rem-209P	International Clays	20.5	VP20 + X-Stream Spreader		7/8	ITX#6	8700	1215	Mica dust wad	Fold	Grouse Pepper
91016	1501	12	2.75	Win AA-HS	Win-209	PB	24.0	VP20 + X-Stream Spreader		7/8	ITX#6	9400	1350	Mica dust wad	Fold	Grouse Pepper
91016	1505	12	2.75	Win AA-HS	Win-209	PB	26.0	VP20		7/8	ITX#4	9600	1435	Mica dust wad	Fold	Duck
91016	1506	12	2.75	Rem. STS	Rem-209P	PB	26.0	VP20		7/8	ITX#4	8900	1315	Mica dust wad	Fold	Duck
91030	1534	12	2.75	Rio	Rio-209	PB	28.0	VP20 + X-Stream Spreader		7/8	ITX#6	8900	1425	Mica dust wad	Fold	Upland
91016	1511	12	2.75	Rem. STS	Rem-209P	Universal Clays	27.0	VP20		7/8	ITX#6	9100	1355	Mica dust wad	Fold	Upland
91016	1512	12	2.75	Win AA-HS	Win-209	Universal Clays	27.0	VP20		7/8	ITX #4-#6	10800	1540	Mica dust wad	Fold	Duck
91030	1533	12	2.75	Rio	Rio-209	Universal Clays	28.0	VP20 + X-Stream Spreader		7/8	ITX#6	9500	1450	Mica dust wad	Fold	Upland

ID #	Ref.#	Ga	Length	Hull	Primer	Powder	Gr.	Wad	OS Card	Oz.	Shot	PSI	FPS	Other	Crimp	Notes
91016	1507	12	2.75	Rem. STS	Rem-209P	PB	24.0	VP20		1	ITX#6	8900	1245	Mica dust wad	Fold	Upland
91016	1508	12	2.75	Win AA-HS	Win-209	PB	24.0	VP20		1	ITX#6	9700	1320	Mica dust wad	Fold	Duck
91030	1535	12	2.75	Rio	Rio-209	PB	28.0	VP20		1	ITX#4	8700	1360	Mica dust wad	Fold	Duck
91016	1509	12	2.75	Win AA-HS	Win-209	Universal Clays	25.0	VP20		1	ITX #4-#6	11200	1430	Mica dust wad	Fold	Duck
91016	1510	12	2.75	Rem. STS	Rem-209P	Universal Clays	26.0	VP20		1	ITX #4-#6	10100	1375	Mica dust wad	Fold	Duck
91030	1536	12	2.75	Rio	Rio-209	Universal Clays	28.0	VP20		1	ITX#4	9800	1400	Mica dust wad	Fold	Duck

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