



CHARGE PERFORMANCE SUMMARY



Expendable Carrier Systems							
Gun O.D.	Charge Part #	Gr. Wt.	E.H.	TTP	NTTP*	Density - Phasing	Data
Eco Carrier Systems							
79mm	EXP-4016-302	16 DP	0.47	25.12	25.96	7-120D, 13-60D, 13-90D	Q.C.
86mm Expendable Carrier Systems							
86mm (3 3/8")	FLO-3323-310B (10-3322-313)	23 BH	0.70	6.18	6.84	14-90D, 17-60D, 20-60D	API, 5th
	EXP-3323-302 (10-3322-303)	23 DP	0.44	21.25	22.40	14-90D, 17-60D, 20-60D	API, 5th
	EXP-3323-331	23 GH	0.54	20.61	21.85	14-90D, 17-60D, 20-60D	API, 5th
	EXP-3323-422T (322T)	23 SDP	0.43	37.02	39.56	14-90D, 17-60D, 20-60D	API, 5th**
	EXP-3325-331	25 GH	0.57	29.81	30.76	14-90D, 17-60D, 20-60F	Q.C.
	EXP-3325-421T (321T)	25 SDP	0.42	47.36	49.77	14-90D, 17-60D, 20-60F	API, 5th**
	EXP-3332-308T	32 DP	0.37	31.00	32.13	14-90F, 17-60F	Q.C.
101mm Expendable Carrier Systems							
101mm (4")	FLO-3323-310B (10-3322-313)	23 BH	0.60	5.92	6.12	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3323-331	23 GH	0.49	30.97	31.93	14-90D, 17-60D, 20-60D	API, 5th
	EXP-3323-422T (322T)	23 SDP	0.32	36.19	37.43	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3325-331	25 GH	0.56	35.61	36.95	14-90D, 17-60D, 20-60D	API, 5th
	EXP-3325-421T (321T)	25 SDP	0.41	45.16	46.86	14-90D, 17-60D, 20-60D	API, 5th**
	EXP-3332-308T	32 DP	0.32	33.49	33.78	14-90D, 17-60D, 20-60F	API, 5th
	EXP-4032-301	32 DP	0.52	34.45	34.89	14-90D, 17-60D	Q.C.
	FLO-4032-311B	32 BH	0.95	6.57	6.65	14-90D, 17-60D	Q.C.
	EXP-4036-301	36 DP	0.56	32.16	32.57	14-90D, 17-60F	Q.C.
	EXP-4039-421T (321T)	39 SDP	0.43	54.58	57.73	14-90F, 17-60F	API, 5th**
127mm Expendable Carrier Systems							
127mm (5")	FLO-4521-310B	21 BH	0.79	4.30	NA	26-45F, 39-45F	Q.C.
	EXP-4521-331 (10-4521-304)	21 DP	0.56	22.78	23.44	26-45F, 39-45F	Q.C.
	FLO-3323-310B (10-3322-313)	23 BH	0.60	6.63	6.86	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3323-422T (322T)	23 SDP	0.32	43.23	44.71	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3323-331	23 GH	0.50	32.30	32.96	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3325-421T (321T)	25 SDP	0.41	33.80	34.42	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3332-308T	32 DP	0.32	31.00	32.38	14-90F, 17-60F, 20-60F	Q.C.
	EXP-4032-301	32 DP	0.49	43.10	43.65	14-90F, 17-60F	Q.C.
	FLO-4032-311B	32 BH	0.91	7.00	6.65	14-90F, 17-60F	Q.C.
	EXP-4036-301	36 DP	0.52	36.23	32.57	14-90F, 17-60F	Q.C.
	EXP-4039-421T (321T)	39 SDP	0.47	43.90	44.50	14-90F, 17-60F	Q.C.
	LTD-5030-340Z	30 SBH	0.95	7.16	7.32	26-45F	Q.C.

*NTTP = Penetration normalized to 5000 psi by method of SPE 27424 (approx. 3.6% / 1000 psi) **This data represents HMX charges, expect about 3% less for RDX Charges

NOTE: All Guns 17spm or Greater MUST use XHV Det. Cord

D = Dry F = Fluid

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