



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	0.53	24.40	24.59	7-120D, 13-60D, 13-90D	Q.C.
86mm Expendable Carrier Systems							
86mm (3 3/8")	FLO-3323-310B	23 BH	0.70	6.18	6.84	14-90D, 17-60D, 20-60D	API
	EXP-3323-302	23 DP	0.44	21.25	22.40	14-90D, 17-60D, 20-60D	API
	EXP-3323-331	23 GH	0.54	20.61	21.85	14-90D, 17-60D, 20-60D	API
	EXP-3323-422T (322T)	23 SDP	0.43	37.02	39.56	14-90D, 17-60D, 20-60D	API*
	EXP-3325-331	25 GH	0.57	29.81	30.76	14-90D, 17-60D, 20-60F	API*
	EXP-3325-421T (321T)	25 SDP	0.42	47.36	49.77	14-90D, 17-60D, 20-60F	API*
101mm Expendable Carrier Systems							
101mm	FLO-3323-310B	23 BH	0.76	7.33	7.46	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
	EXP-3323-422T (322T)	23 SDP	0.34	40.77	41.37	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
	EXP-3325-421T (321T)	25 SDP	0.41	45.16	46.86	14-90D, 17-60D, 20-60D	API*
	EXP-4032-301	32 DP	0.53	34.01	34.64	14-90D, 17-60D	Q.C.
	FLO-4032-311B	32 BH	0.96	7.85	7.94	14-90D, 17-60D	Q.C.
	EXP-4036-301	36 DP	0.57	32.05	32.37	14-90D, 17-60F	Q.C.
EXP-4039-421T (321T)	39 SDP	0.43	54.58	57.73	14-90F	API*	
127mm Expendable Carrier Systems							
127mm	FLO-4521-310B	21 BH	0.79	4.30	NA	26-45F, 39-45F	Q.C.
	EXP-4521-331	21 DP	0.56	22.78	23.44	26-45F, 39-45F	Q.C.
	FLO-3323-310B	23 BH	0.55	5.60	5.64	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3323-331	23 GH	0.34	33.27	33.50	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3323-422T (322T)	23 SDP	0.46	36.53	36.78	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3325-331	25 GH	0.65	25.87	26.05	14-90D, 17-60D, 20-60D	Q.C.
	EXP-3325-421T (321T)	25 SDP	0.41	38.93	39.20	14-90D, 17-60D, 20-60D	Q.C.
	EXP-4032-301	32 DP	0.51	40.43	41.29	14-90F, 17-60F	Q.C.
	FLO-4032-311B	32 BH	0.95	6.87	6.92	14-90F, 17-60F	Q.C.
	EXP-4036-301	36 DP	0.52	34.80	35.54	14-90F, 17-60F	Q.C.
	EXP-4039-421T (321T)	39 SDP	0.47	54.43	55.58	14-90F	Q.C.
	FLO-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

XL PERFORATING PARTNERSHIP BRANCH PHONE NUMBERS

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