

PBX WARHEADS AND CHARGES

FPX BOOSTER AND INTERMEDIATE CHARGES

Forcitic intermediate charges and booster charges are designed to transmit the ignition chain from the detonator to the main charge. They are both used in large and small warheads or charges to ensure the complete detonation of the entire wahead. Both, intermediate and booster charges are high energy plastic bonded explosives consisting of RDX and/or PETN and binder.

Intermediate and booster charges are also IM-signature products and currently in use in sea mines, torpedoes, DFC system and IMC system.



FPX booster charges vary from few grams to kilos in size depending on the the main charge size and composition.

Product	Main components	Density (kg/dm ³)	Critical diameter (mm)	Detonation velocity (m/s)
Booster Charges				
FPX R1	RDX, binder	1,50	< 7	7 300
FPX PR1	PETN/RDX, binder	1,50	< 7	7 300
FPX P1	PETN, binder	1,50	< 7	7 300
Intermediate Charges				
FPX R2	RDX, binder	1,55	< 7	7 600
FPX PR2	PETN/RDX, binder	1,55	< 7	7 600
FPX P2	PETN, binder	1,55	< 7	7 600