

The Morrow Project 4th Edition

The Morrow Project 4th Edition Rule book is required for a full understanding of how this table is to be used.

Explosive Relative Effectiveness Chart 1.1

Explosive Name	Relative Effectiveness
Dynamite (40% Ammonia)	0.31
Ammonium Nitrate (AN + <0.5% H ₂ O)	0.32
Dynamite (40% Gelatin)	0.32
Black Powder (75% KNO ₃ + 19% C + 6% S)	0.38
Dynamite (60% Ammonia)	0.40
Hexamine Dinitrate (HDN)	0.45
Dinitrobenzene (DNB)	0.45
Dynamite (40% Nitroglycerin)	0.49
HMTD (Hexamine Peroxide)	0.56
ANFO (94% AN + 6% fuel oil)	0.56
Dynamite (60% Gelatin)	0.57
TATP (Acetone peroxide)	0.60
Tovex Extra (AN Water Gel) Commercial Product	0.60
Hydromite 600 (AN Water Emulsion) Commercial Product	0.60
Dynamite (60% Nitroglycerin)	0.62
ANNMAL (67% AN + 25% NM + 5% Al + 3% C)	0.65
Amatol (50% TNT + 50% AN)	0.68
Nitroguanidine	0.75
Trinitrotoluene (TNT)	0.75
IMX-101 (DNAN + NTO + NQ)	0.75
Hexanitrostilbene (HNS or JD-X)	0.79
Nitrourea (N-nitrourea, 1-nitrourea or N-nitrocarbamide)	0.79
Amatol (80% TNT + 20% AN)	0.83
Nitrocellulose (13.5% N, NC)	0.83
Nitromethane (NM)	0.83
PBXW-126 (22% NTO, 20% RDX, 20% AP, 26% Al, 12% Polyurethane)	0.83
Diethylene Glycol Dinitrate (DEGDN)	0.88
PBXIH-135 EB (42% HMX, 33% Al, 25% PCP-TMETN)	0.88
PBXN-109 (64% RDX, 20% Al, 16% HTPB)	0.88
Tritonal (80% TNT + 20% Aluminium)	0.88
Triaminotrinitrobenzene (TATB)	0.88
Picric acid (TNP)	0.90
Trinitrobenzene (TNB)	0.90
Tetrytol (70% Tetryl + 30% TNT)	0.90

Dynamite (75% NG + 23% Diatomite)	0.94
Tetryl (2,4,6-Trinitrophenylmethylnitramine)	0.94
Composition C3 (87% RDX)	1.00
Composition C4 (91% RDX + 5.3% Plasticizer + 2.1% Polyisobutylene + 1.6% Motor Oil)	1.00
Composition A3 (91% RDX + 9% Paraffin Wax)	1.00
Pentolite (56% PETN + 44% TNT)	1.00
Semtex H (40% PETN and 41% RDX + 9% Plasticizer)	1.00
Semtex 1A / 10 (76% PETN + 4.6% RDX)	1.01
Composition B (60% RDX + 40% TNT)	1.01
IMX-104 (DNAN + NTO + RDX)	1.01
Composition A4 (97% RDX)	1.01
Composition A5 (98.5% RDX + 1.5% Stearic Acid)	1.01
Composition H6 (45% RDX + 30% TNT + 20% Powdered Aluminum + 5% Paraffin Wax)	1.01
Cyclotol (70% RDX + 30% TNT)	1.01
Hydrazine Mononitrate	1.07
Mixture: 24% Nitrobenzene + 76% TNM	1.13
RISAL P (51% IPN + 28% RDX + 14% Al + 4% Mg + 0.7% Zr + 2% NC)	1.13
Nitroglycerin (NG)	1.16
Octol (80% HMX + 19% TNT + 1% DNT)	1.16
Gelatine (92% NG + 7% Nitrocellulose)	1.20
Erythritol tetranitrate (ETN)	1.20
NTO (Nitrotriazolon)	1.20
Hexogen (RDX)	1.20
Penthrite (PETN)	1.25
Ethylene glycol dinitrate (EGDN)	1.25
TNAZ (Trinitroazetidine)	1.28
Octogen (HMX Grade B)	1.28
HNIW (CL-20)	1.35
Hexanitrobenzene (HNB)	1.35
MEDINA (Methylene dinitroamine)	1.45
DDF (4,4'-Dinitro-3,3'-diazonofuroxan)	1.46
Octanitrocubane (ONC)	1.79