

Characteristics and Specifications - Temperature and Pressure Resistant Detonating Cords

	PT 150	PT 165	PT 185 Slim	PT 185 Slim 40	PT 185	PT 250 Slim	PT 250
Explosive	RDX	HMX	HMX	HMX	HMX	HNS	HNS
Explosive Cord Load	16-18 g/m 75-84 grains/ft	16-18 g/m 75-84 grains/ft	12-14 g/m 56-66 grains/ft	7.5-9.5 g/m 35-45 grains/ft	16-18 g/m 75-84 grains/ft	12-14 g/m 56-66 grains/ft	16-18 g/m 75-84 grains/ft
Tensile Strength	1,000 N 220 pounds	1,500 N 330 pounds	1,000 N 220 pounds	1,000 N 220 pounds	1,000 N 220 pounds	1,000 N 220 pounds	1,000 N 220 pounds
Detonation Velocity	7,750 ± 200 m/s 25,430 ± 656 ft/s	7,900 ± 200 m/s 25,920 ± 656 ft/s	7,400 ± 200 m/s 24,280 ± 656 ft/s	7,100 ± 200 m/s 23,300 ± 656 ft/s	7,900 ± 200 m/s 25,920 ± 656 ft/s	6,200 ± 200 m/s 20,340 ± 656 ft/s	6,400 ± 200 m/s 21,000 ± 656 ft/s
Temperature Resistance	150°C / 1hr 302°F / 1hr	165°C / 1hr 330°F / 1hr	205°C / 1hr 401°F / 1hr	205°C / 1hr 401°F / 1hr	205°C / 1hr 401°F / 1hr	250°C / 1hr 482°F / 1hr 230°C / 200hr 446°F / 200hr	250°C / 1hr 482°F / 1hr 230°C / 200hr 446°F / 200hr
Temperature and Pressure Resistance	150°C / 1,000 bar / 1h 302°F / 14,500 psi / 1h	165°C / 1,000 bar / 1h 330°F / 14,500 psi / 1h	185°C / 1,000 bar / 1h 365°F / 14,500 psi / 1h	185°C / 1,000 bar / 1h 365°F / 14,500 psi / 1h	185°C / 1,000 bar / 1h 365°F / 14,500 psi / 1h	200°C / 1,400 bar / 1h 392°F / 20,300 psi / 1h	200°C / 1,400 bar / 1h 392°F / 20,300 psi / 1h
Outside Diameter	5.2 ± 0.2 mm 0.205 ± 0.008"	5.2 ± 0.2 mm 0.205 ± 0.008"	4.7 ± 0.2 mm 0.185 ± 0.008"	3.9 ± 0.2 mm 0.154 ± 0.008"	5.25 ± 0.25 mm 0.207 ± 0.01"	4.7 ± 0.2 mm 0.185 ± 0.01"	5.25 ± 0.25 mm 0.207 ± 0.01"
Jacket Material	PA	PVDF	FEP	FEP	FEP	FEP - Clear	FEP
Jacket Colour	Dark Blue	Yellow	Clear/Yellowish 2 Green ID Tread	Clear/Yellowish 2 Green ID Tread	Clear/Yellowish	Black Yellow ID Tread	Black
Maximum Shrinkage	2%	2%	2%	2%	2%	2%	2%
Lap Joint Sensitivity	Yes	Yes	Yes	No	Yes	No	No

Characteristics and Specifications - Temperature Resistant Detonating Cords

	T 150	T 190	T 250 Slim 40
Explosive	RDX	HMX	HNS
Explosive Cord Load	16-18 g/m 75-84 grains/ft	16-18 g/m 75-84 grains/ft	7.5 - 9.5 g/m 35.3 - 44.7 grains / ft
Tensile Strength	800 N 175 pounds	1,000 N 220 pounds	1,000 N 220 pounds
Detonation Velocity	7,700 ± 200 m/s 25,263 ± 656 ft/s	7,900 ± 200 m/s 25,920 ± 656 ft/s	6,200 ± 200 m/s 20,340 ± 656 ft/s
Temperature Resistance	175 °C / 1 hr 347 °F / 1 hr 160 °C / 24 hr 320 °F / 24 hr	190 °C / 1 hr 374 °F / 1 hr 150 °C / 200 hr 302 °F / 200 hr	250 °C / 1 hr 482 °F / 1hr 230 °C / 200 hr 446 °F / 200 hr
Temperature and Pressure Resistance	Not Recommended	Not Recommended	Not Recommended
Outside Diameter	5.2 ± 0.2 mm 0.205 ± 0.008 inches	5.2 ± 0.2 mm 0.205 ± 0.008 inches	4.1 ± 0.2 mm 0.161 ± 0.01 inches
Jacket Material	PVC	PVC	PVC
Jacket Colour	Light Blue	Dark Yellow (Orange)	Blue Marker (Thread)
Maximum Shrinkage	2%	2%	2 %
Lap Joint Sensitivity	Yes	Yes	No