



Reload
Swiss^{RS}

The perfect hit!

RS80

RIFLE POWDER

Uses:

Designed especially for heavy-duty Magnum cartridges, RS80 is our slowest burning powder. It was originally developed for .338 Lapua Mag., but works extremely well even with .50 cal. Browning rounds. Optimized for temperature behaviour, RS80 displays excellent pressure/velocity ratios in numerous calibres.

Standard calibres:

.338 Lapua Mag.
7 mm Rem. Mag.
.50 Browning

Packaging units:

1 kg can + 10 kg drum

Powder type:

RS80 is an extruded, single-based propellant powder based on nitrocellulose. A unique impregnation method using nitroglycerine assures top performance. The powder contains a modern, lead-free de-coppering additive, making it suitable for contemporary lead-free ammunition.

Safe service life:

If properly stored, the propellant powder remains safe to use for up to ten years.

Verification tolerances:

Batch-to-batch tolerance:
 $v_5 \pm 12$ m/s
 $p_{max} \pm 250$ bar

Key characteristics:

Heat of explosion	approx. 3,850 J/g
Bulk density	approx. 1,000 g/l
Grain diameter	approx. 1.2 mm
Grain length	approx. 1.8 mm

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