



SEAL HOUSE

SEAL HOUSE USA Seal Guide

Choosing the right mechanical seal doesn't have to be difficult. This guide introduces Seal House USA's two flagship single spring seal lines—the **N-Line** and the **SPS Line**—engineered for **reliability, performance, and long-term value**. By breaking down their key features, we make it easy for you to compare options and confidently select the best seal for your application—helping you save time, minimize downtime, and keep your operation running at its best.

Single Spring Seals- N-Line (N11 / N22 / N33)

One Seal. Multiple Replacements.

Our **N-Line** seals feature a **crimped head design** for easier installation and a precise, reliable fit. Part numbers end in “C” (for example, 185C). Thanks to our **universal spring design**, the N-Line serves as a **replacement** for widely used models such as **Pac-Seal T-21 (standard & long working length)**, **U.S. Seal C, D, E**, **John Crane 21, 1, 2**, and **Burgmann MG21**—giving you proven compatibility with the convenience and quality of Seal House USA.

Why customers choose N-Line



- Narrow outer diameter designed to fit straight box/ANSI bores
- Universal compatibility—most applications can be covered by a simple spring change
- Face held securely in the retainer preventing it from coming loose and making them ideal for challenging installations
- Ease of installation, saving time and reducing errors in the field

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Single Spring Seals- SPS Line

Same Fit. Lasting Reliability.

Our SPS Line seals are **engineered for lasting quality and durability**, making them the dependable choice for demanding applications. Each part number begins with SPS (for example, SPS-185) and is designed as a true **like-for-like replacement** for leading industry standards, including U.S. Seal C, D, E and John Crane 21, 1, and 2. With the SPS Line, you get the same fit and function you expect-backed by the proven reliability of Seal House USA.

Why customers choose SPS-line



- Heavier bellows for added strength and reliability
- Double resin-impregnated carbon faces-harder and longer-lasting than standard carbons
- Pure carbides/ceramics for maximum performance and wear resistance
- Brushed/machined finish on seal heads for a consistent, premium appearance
- Mirror-finish lapped faces for optimal sealing performance
- Seats labeled by size for quick, error-free identification and installation

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Which seal line should I pick?

- Choose our SPS seals if you want a premium, like-for-like replacement with upgraded materials, finishes, and longevity.
- Choose our N-Line seals if you want maximum compatibility and easy installation, especially in tight/ANSI bores or when you may need to swap springs for different applications.

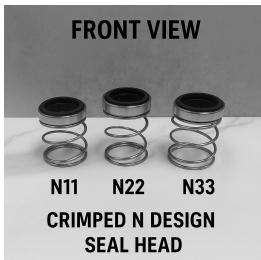
Refer to the chart below to compare popular brands, view product images, and see compatible replacements.

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Seal House USA Name Brand Cross Over Chart

Seal House USA Seal	Exact Replica / Equivalent	N Line Can Replace	Product Example 1-1/4" Seal
N11  FRONT VIEW N11 N22 N33 CRIMPED N DESIGN SEAL HEAD	Pac-Seal T-21 (standard) Burgmann MG9	Pac-Seal T-21 U.S. Seal C John Crane 21	Seal House USA N11 – 185C U.S. Seal PS-185 John Crane T-21 1-1/4" Pac Seal – S-185
N22  SIDE VIEW N11 N22 N33 CRIMPED N DESIGN SEAL HEAD	Pac-Seal T-21 (long w/l) Burgmann MG9	U.S. Seal E John Crane 1	Seal House USA N22 – 361C Pac-Seal 361-21 U.S. Seal PS-361 John Crane T-1 1-1/4"
N33  BOTTOM VIEW N11 N22 N33 CRIMPED N DESIGN SEAL HEAD	Pac-Seal T-21 (tapered spring) Burgmann MG9	U.S. Seal D John Crane 2	Seal House USA N33 – 381C Pac-Seal S-381 U.S. Seal PS-381 John Crane T-2 1-1/4"

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SEAL HOUSE USA Name Brand Cross Over Chart

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SPS21  N11 SPS21	U.S. Seal C John Crane 21	N/A	Seal House USA SPS21 – SPS-185 U.S. Seal PS-185 Pac-Seal S-185 John Crane T-21 1-1/4"
SPS2  N33 SPS2	U.S. Seal D John Crane 2	N/A	Seal House USA SPS2 – SPS-381 U.S. Seal PS-381 John Crane T-2 1-1/4"
SPS1  N22 SPS1	U.S. Seal E John Crane 1	N/A	Seal House USA SPS1 – SPS-361 U.S. Seal PS-361 John Crane T-1 1-1/4"

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Why Choose Seal House USA Products?

- **Quality-first products** – vetted manufacturers, premium materials, and strict QC for reliable, long-lasting performance.
- **Broad sourcing power** – multi-manufacturer partnerships let us **source virtually any mechanical seal** to your specs, including hard-to-find items.
- **Competitive & dependable** – strong supplier relationships mean **fair pricing, steady availability, and shorter lead times.**
- **Real technical expertise** – 25+ years in sealing systems; failure analysis, application guidance, and MTBF-focused recommendations.
- **Personal service** – direct access to knowledgeable people (not bots); quick quotes and helpful support from start to install.
- **Solutions, not just parts** – we match products to your application to help **prevent leaks, avoid downtime, and extend equipment life.**

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