

NIEL-SEAL™ GASKET & JOINT SEALING COMPOUND

Non-Hardening Sealing Compound · Abbey Products, USA · Formerly
Tite-Seal® · Global Distributor: PSC Group

N25-75 MEDIUM**N20-75 LIGHT**

Abbey Products, USA
5 lb (2.268 kg) can · Made in USA



NIEL-SEAL™ — TWO-GRADE RANGE

Non-hardening gasket and joint sealing compound for static sealing in power stations, turbines, generators, and industrial plant. Permanently pliable — allows repeated dismantling without joint damage. Highly resistant to oils, fuels, water, steam, and industrial chemicals. Can be applied by brush, spatula, or injected by air dispensing equipment into machined grooves. Formerly marketed as Tite-Seal® by RSC Brands.

Permanently Pliable**Non-Hardening****Oil & Gas Resistant****Injection Grade****✓ PSC Exclusive Distributor - India**

NIEL-SEAL™ remains in a putty-like state indefinitely, will not harden, shrink or crack, and swells slightly on contact with fuels — tightening the seal in service. Suitable wherever conventional sealants fail due to chemical exposure or where future disassembly is required. Available in two grades for different joint geometries and surface conditions: **N25-75 Medium Weight** for thicker films and uneven surfaces, and **N20-75 Light Weight** for finely machined joints and threads.

N25-75

MEDIUM WEIGHT

Non-hardening thick joint, thread and gasket sealer — thicker films on uneven surfaces

SPECIFICATIONS

Part Number	N25-75
Grade	Medium Weight
Net Weight	5 lbs (2.268 kg)
Packaging	5 lb can
Film Thickness	Thicker
Country of Origin	Made in USA

BEST FOR

- Thick joint, thread and gasket sealing where thicker films are required
- Uneven or imperfect sealing surfaces needing greater fill
- Injection into machined grooves (e.g. end-shield split joints)
- Larger joint faces, bearing housings, gearbox covers
- Applications requiring greater paste body and fill volume

N20-75

LIGHT WEIGHT

General-purpose joint, thread and gasket sealer — finely machined joints and threads

SPECIFICATIONS

Part Number	N20-75
Grade	Light Weight
Net Weight	5 lbs (2.268 kg)
Packaging	5 lb can
Film Thickness	Lighter / thinner
Country of Origin	Made in USA

BEST FOR

- General-purpose joint, thread and gasket sealing
- Finely machined joints and close-tolerance threads
- Pipe threads for oil, gas, water and steam services
- Gasket dressing for paper, cork and rubber gaskets
- Serviceable joints requiring regular periodic dismantling



NOT RECOMMENDED FOR

Main steam lines · Boiler pressure parts · Superheater / reheater joints · Furnace or fire-side applications · Dynamic or rotating seals. NIEL-SEAL™ is intended for **STATIC SEALING APPLICATIONS ONLY**

. Selection should be based on actual service conditions and engineering judgment.

1 KEY CHARACTERISTICS (BOTH GRADES)

- Permanently pliable:** Does not harden, shrink, or crack in service or storage. Joints can be dismantled and re-sealed repeatedly.
- Fuel-activated tightening:** Swells slightly on contact with fuels and oils — tightening the seal during service.
- Chemical resistance:** Highly resistant to solvents, fuels, lubricating oils, and many industrial chemicals.
- Fills surface irregularities:** Compensates for minor surface damage, pitting, and imperfect mating faces.
- Injection capable:** Can be pumped into machined grooves and channels using air dispensing equipment.
- Broad media compatibility:** Suitable for oil, gas, water (hot & cold), steam, fuels, coolants, glycol, and treated water.
- Non-bonding:** Does not bond mating parts together — joints can be opened for maintenance without damage.

3 GRADE SELECTION GUIDE

IF YOUR APPLICATION REQUIRES...	SELECT
Thicker film on uneven or imperfect surfaces	N25-75 Medium
Injection into machined grooves	N25-75 Medium
Larger joints, bearing housings, gearbox covers	N25-75 Medium
Finely machined or close-tolerance joints	N20-75 Light
Threaded pipe joints (oil, gas, water, steam)	N20-75 Light
Gasket dressing on paper, cork or rubber gaskets	N20-75 Light
General-purpose joint and thread sealing	N20-75 Light

Final selection based on joint size, groove geometry, surface condition, and application method. PSC can provide application support on request.

2 TYPICAL APPLICATION AREAS

AREA	TYPICAL USE
Generator & Electrical	End-shield split joints, bearing housings, inspection covers, terminal boxes
Turbine & Rotating Equipment	Bearing pedestal covers, gearbox housings, auxiliary drive covers, pump casings
Oil & Fuel Systems	Lube oil flanges, seal oil joints, diesel / fuel oil covers, oil passages
Cooling & Water Systems	Cooling water joints, glycol system flanges, treated water covers
Pipe Threads	Oil, gas, water and steam threaded joints; flanges with minor surface damage
Gasket Dressing	Paper, cork, rubber gaskets; improves sealing reliability on existing gaskets
Covers & Access Points	Inspection plates, pressed covers, manway covers, valve bonnets (utility/oil)

4 HANDLING & SAFETY

Warning: Eye and skin irritant. Read cautions on side panel before use.

- Application:** Apply to clean surfaces by brush, spatula, or inject via air dispensing equipment. Surfaces should be free from loose contamination where possible.
- Skin/Eyes:** Avoid prolonged contact. Wear gloves and safety glasses. If eye contact occurs, flush with water and seek medical attention.
- Storage:** Store sealed at ambient temperature, away from direct sunlight and heat. Re-seal can promptly after use.
- Disposal:** Dispose of contents and container per local regulations. Do not discharge to waterways.

5 PSC GROUP - GLOBAL OFFICES

INDIA · EXCLUSIVE DISTRIBUTOR

Project Sales Corp

28, Founta Plaza, Suryabagh
Visakhapatnam - 530020
Andhra Pradesh, India

info@projectsalescorp.com
(+91) 9100932334
pscrigconsumables.com

DUBAI · MENA

PSC Gulf Oilfield Trading LLC

Dubai Silicon Oasis, Building A1
IFZA Business Park, DDP
Dubai, United Arab Emirates

sales@pscdubai.com
(+971) 50-457-2844
pscdubai.com

HOUSTON · AMERICAS

PSC Houston Oilfield Supplies LLC

134 Vintage Park Blvd, Ste A #1006
Houston, TX 77070, USA

info@pschoustonllc.com
(984) 322-1807
pschoustonllc.com