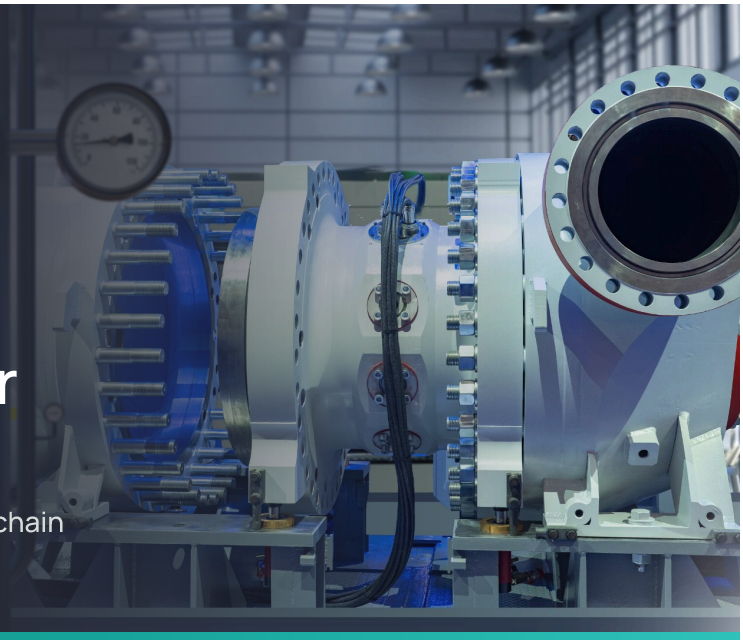
NEXUS



MANUFACTURING CAPABILITIES

Pressure sealing under one controlled chain.

API 6A pressure sealing, made in one controlled chain from raw material to plating.

API 6A	ASME B16.20	20,000 PSI	HOUSTON
RING GASKET STANDARD	RING-JOINT STANDARD	BX SERVICE RATING	LOCAL STOCK, COMMON SIZES

The Capabilities

WHAT NEXUS ABSORBS

Pressure-sealing parts often pass through several companies before they reach the flange.

One casts, one forges, one machines, one plates, and every handoff is a place where variation can enter. Nexus supplies pressure sealing from a manufacturer that keeps the whole chain in one place, with stock held in Houston. One document package per order.

01 Raw material → 02 Cast → 03 Forge → 04 Machine → 05 Plate

The Result

WHAT CUSTOMERS GET

Source
Sealing and the bolting that loads it, from one source.

Documents
Documents that match the purchase specification.

Stock
Houston stock for common sizes.

Accountability
One name on every document package.

The Specs

WHAT WE CAN EXECUTE

PROCESSES	Casting, forging, CNC machining and coatings under one process control
MATERIALS	Traceability from raw material through finished component
STANDARDS	Ring gaskets to API 6A and ASME B16.20; BX gaskets for API 6BX flanges
LEAD TIME	Common sizes from Houston stock; other items quoted against specification and documentation scope

The Products

TOP 15

01 **R oval ring gaskets**
R-11 to R-105

02 **R octagonal ring gaskets**
R-11 to R-105

03 **RX ring gaskets**
RX-20 to RX-215

04 **BX ring gaskets**
BX-150 to BX-172, for API 6BX flanges

05 **IX gaskets**
To specification

06 **Bonnet gaskets**
To specification

07 **Spiral wound gaskets**
Gasket only, outer ring, inner ring, or inner and outer ring

08 **B7 stud sets**
Standard service

09 **L7 stud sets**
Low-temperature service

10 **2H heavy hex nuts**
Matched to stud sets

11 **Hammer unions**
To specification

12 **Valve seats**
To specification

13 **Needle valves**
To specification

14 **Valve components**
Machined to print

15 **Machined forged and cast components**
To print

The Applications

WHERE IT GOES

WELLHEADS AND TREES | API 6BX FLANGE CONNECTIONS | DRILLING AND COMPLETION | VALVE AND PUMP ASSEMBLIES | PRESSURE-CONTAINING PROCESS SERVICE | FIELD-CRITICAL SEALING WHERE CERTIFICATION GOVERNS THE PURCHASE

Serves operators, OEMs, EPCs and industrial distribution partners.

Start with one requirement.

Products open the relationship. Execution builds trust. Let us earn the right to do more.

01 Send an active gasket or sealing RFQ.

02 Request the documentation package on a sample order.

03 Review a stocking program for common sizes.

Manufacturing hubs in the United States, Mexico, India and China. Operations Center, Houston.

HOUSTON, TX · 713.282.7440

Capacity, certifications and performance history refer to the designated Nexus manufacturing partner. Documentation available on qualification.