

What every pack guarantees

- **One High Flow word.** Every pack is built around a headline term, so no pack is made up of minor words alone.
- **Ten words on one theme.** Packs follow the dictionary's own four categories: Components, Equipment Type, Practice, and Theory and Analysis. Your banner ad runs across a coherent subject instead of being scattered at random.
- **Matching terms stay together.** Some terms appear both as an acronym and spelled out, such as PTFE, CNC, LNG, OEM, PM, RCM, SRV, SiC, PAI, PEEK, GMRC, VLHP and PLQNG. Both versions sit in the same pack, so a reader searching either one finds you.
- **Balanced value.** Packs are assembled to comparable depth. The choice between them is about subject matter, not about which pack is worth more. Every pack is the same price.

PACK 01

Valve Anatomy

COMPONENTS

HIGH FLOW Valve

Valve (Piping Component)

Valve (Reciprocating Compressor)

Plate Valve

Poppet Valve

Valve Cage (Reciprocating Compressor)

Valve Cap

Valve Unloader

Valve Loss Horsepower (VLHP)

VLHP

PACK 02

Reciprocating Compressors

EQUIPMENT TYPE

HIGH FLOW Reciprocating Compressor

Compressor Valve

Safety Relief Valve (SRV)

Separable Reciprocating Compressor

Integral Engine Compressor

Compression Stroke (Compressor)

Non-Lube Compressor

Capacity (Compressors)

Hyper Compressor

SRV

PACK 03

Dynamic and Rotary Compressors

EQUIPMENT TYPE

HIGH FLOW Centrifugal Compressor

Axial Compressor

Rotary Compressor

Multistage Compressor

Barrel Compressor

Integrally Geared Compressor

Liquid Ring Compressor

Labyrinth Compressor

Vapor Recovery Compressor

Thermoplastic Labyrinth Seal

☐ High Flow ☐ Controlled Flow ☐ Precision Flow

PACK 04

Gas Industry and Engines

PRACTICE

HIGH FLOW Liquefied Natural Gas (LNG)

- Diesel Engine
- Engine
- Internal Combustion Engine (ICE)
- Upstream
- Aftermarket
- LNG
- Wellhead Compressor
- Gas Machinery Research Council (GMRC)
- GMRC

PACK 05

Compression Theory

THEORY AND ANALYSIS

HIGH FLOW Compression

- Efficiency
- Ideal Gas
- Inert Gas
- Adiabatic Compression
- Isothermal Compression
- Polytropic Compression
- Heat Of Compression
- Monatomic Gas
- Polyatomic Gas

PACK 06

Gas Composition and Quality

THEORY AND ANALYSIS

HIGH FLOW Natural Gas

- Gas
- Dry Gas
- Wet Gas
- Sour Gas
- Sweet Gas
- Lean Gas
- Rich Gas
- Pipeline Quality Natural Gas (PLQNG)
- PLQNG

PACK 07

Elastomers and O-Rings

COMPONENTS

HIGH FLOW O-Ring

- Viton
- Kalrez
- Polymer
- Thermoplastic
- Leak/Leakage
- Fluorocarbon
- Dynamic Gasket
- Buffer Gas
- Dynamic O-Ring Groove

☐ High Flow ☐ Controlled Flow ☐ Precision Flow

PACK 08

Reliability Engineering

PRACTICE

HIGH FLOW Reliability

Reliability Engineering

Availability

Reliability-Centered Maintenance (RCM)

Critical Machinery

Reliability Analysis

RCM

Reliability Growth

Reliability Growth Curve

Upgrade (Reliability)

PACK 09

Compressors and Maintenance Practice

PRACTICE

HIGH FLOW Compressor

Preventive Maintenance (PM)

Lean Manufacturing

Original Equipment Manufacturer (OEM)

OEM

Shelf Life

Fabricated Component

PM

Repairable Component

Non-Repairable Component

PACK 10

Mechanical Seals and Springs

COMPONENTS

HIGH FLOW Mechanical Seal

Seal

Gasket

Spring

Spring Force

Wave Spring

Dual Seal

Ring Seal (Reciprocating Compressor)

Spring Compression

Flexible Member (Mechanical Seal)

PACK 11

Rod Packing

COMPONENTS

HIGH FLOW Packing

Piston Rod Packing

Torlon

Filled Carbon

Packing (Reciprocating Compressor)

Shaft Packing

Wiper Packing

Polyamide-Imide (PAI)

Piston Rod Wiper Packing

PAI

☐ High Flow ☐ Controlled Flow ☐ Precision Flow

PACK 12

Seal Face Materials and Wear

COMPONENTS

HIGH FLOW Tungsten Carbide

Silicon Carbide (SiC)

Wear

Abrasive Wear

Lapping

Carbon-Graphite

Toughness (Metallurgy)

Flatness

Hastelloy "C"

SiC

PACK 13

Steels and Heat Treatment

THEORY AND ANALYSIS

HIGH FLOW Stainless Steel

Carbon Steel

Annealing

Austenitic Stainless Steel

Ferrous Metal

Modulus Of Elasticity

Ferritic Stainless Steel

Stress Relieving

Grain Structure (Metallurgy)

Stress Relieve

PACK 14

Strength and Failure Analysis

THEORY AND ANALYSIS

HIGH FLOW Fatigue

Tensile Strength

Metal Fatigue

Yield Point

Polyetheretherketone (PEEK)

PEEK

Tensile Stress

Stress Analysis

Elastic Range

Fatigue Striations

PACK 15

CNC Machining and PTFE Components

PRACTICE

HIGH FLOW CNC

PTFE

Polytetrafluoroethylene (PTFE)

Teflon

Machining

Grinding Machine

Computer Numerical Control (CNC)

Five-Axis Machining

Multi-Axis Machining

Three-Axis Machining

☐ High Flow ☐ Controlled Flow ☐ Precision Flow

All 150 released words are listed above; each appears in exactly one pack. Flow tier reflects each word's role in its pack as well as how broadly the term is searched and cited.

To reserve a pack, contact Sarah Gonzalez

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