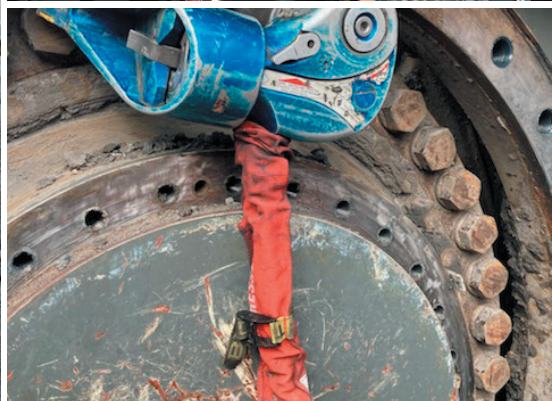
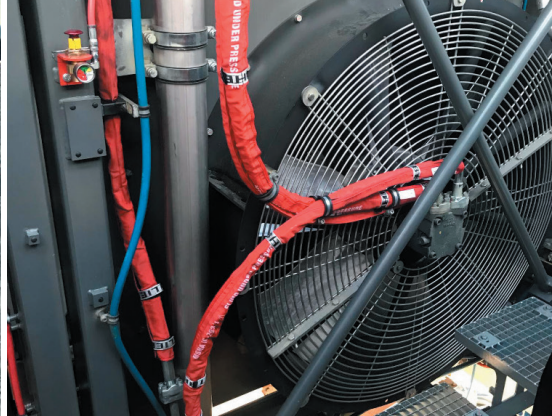




Elevating safety through innovation

RS23 COMPLIANT

Burst Sleeve Kits



Why is hydraulic protection essential to personnel and machinery?

Hydraulic systems operate under fluctuating pressures, making them susceptible to failures that can cause machinery fires or high-pressure fluid injection injuries. Ensuring adequate protection is critical for both personnel safety and equipment longevity.



Sleeve part numbered with OEM hose part number

If we follow the hierarchy of controls...

Elimination

Physically remove the hazard

Substitution

Replace the risk source with a safer alternative.

Engineering Controls

Modify / change the systems to reduce risks.

Administrative Controls

Develop procedures, protocols, and training to manage risks.

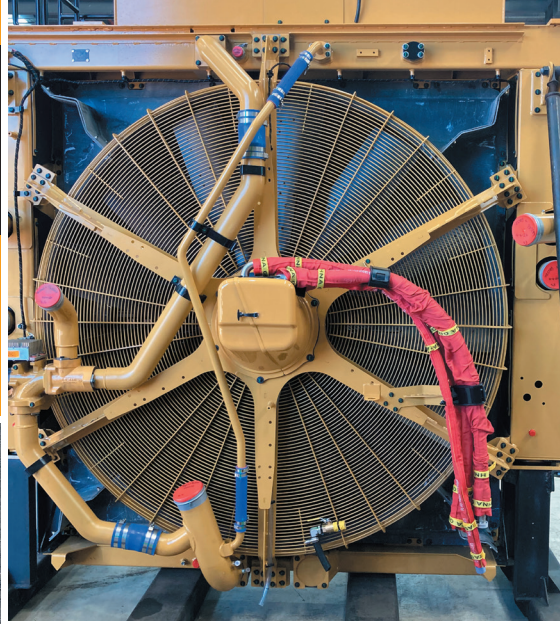
Personal Protective Equipment (PPE)

Use as a last line of defence.

Since eliminating or substituting hydraulics is often impractical, **HNA Group has developed an engineered solution** to minimise risks effectively.

The solution... HNA Group Burst Sleeving Kits

Our **custom-engineered hydraulic protection kits** are designed to safeguard critical circuits on your machinery without unnecessary bulk coverage.



WHY CHOOSE OUR CIRCUIT SPECIFIC KITS?

Rather than covering an entire machine, our solutions focus on high-risk areas, ensuring efficiency and cost-effectiveness.

Precision Fit

Kits are tailored for specific hydraulic circuits.

High-Quality Materials

Manufactured using the most durable burst sleeve fabric.

OEM-Numbered Parts

Each sleeve is labeled with its corresponding OEM hose part number and identification number from the parts manual.

Custom Design

- **Full Sleeves** - Slide over the entire hose assembly.
- **Split & Velcro Sleeves** - Wrap around hoses for easy installation without disassembly.

Secure Fastening

Sewn-in Velcro straps keep the sleeves securely in place while allowing for easy removal and inspection during maintenance.

HNA GROUP

PTY LTD



CASE STUDY

CAT 6040 Burst Sleeve Installation

Machine: CAT 6040 Excavator

Application: Main Pump and Swing Pump Circuits

Installation: Completed in 1.5 hours by 2 tradesmen

Comparative Efficiency

- **Old Method** - Hoses must be removed, exposing circuits to contamination, increasing risks of pinched O-rings and hydraulic spills. The machine would be down all day, requiring four tradesmen to complete the job.
- **HNA Burst Sleeving** - Installation completed without removing hoses, eliminating contamination risk and reducing labour requirements significantly.

HNA GROUP BURST SLEEVING KITS

Key Features

DURABILITY

- Withstands pin-hole penetration of 0.8mm sharp fluid streams at 11,600 PSI for 1 minute.

EFFICIENCY

- Reduces installation time, saving on labor costs and downtime.

CONTAMINATION REDUCTION

- Conventional sleeving requires removing hoses, exposing the hydraulic circuit to contamination. Our sleeves wrap over hoses, eliminating this risk.

EASE OF USE

- No need for zip ties or heat shrink - **sewn-in Velcro straps** hold sleeves securely in place.

INDUSTRY PROVEN

- RS23 compliant kits, Trusted by **Liebherr, BHP, Rio Tinto, Thiess, and Mackellar**, ensuring reliability across industries.

Contact us today for a custom solution tailored to your needs

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