



# Supplier Pricebook Onboarding and Catalogue Automation

PIDX - April 2020



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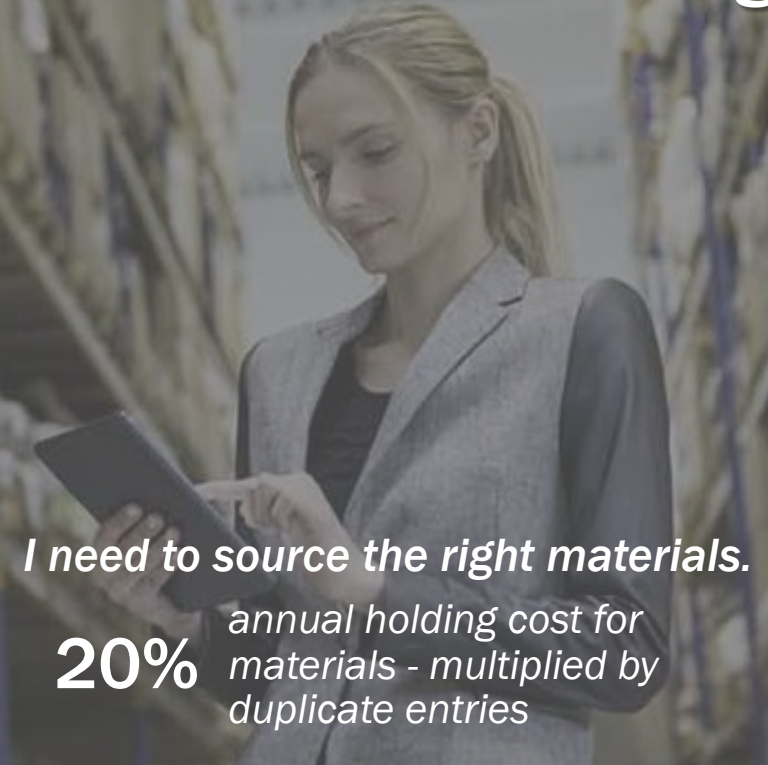
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# The Role of MDM in Operational Risk Management

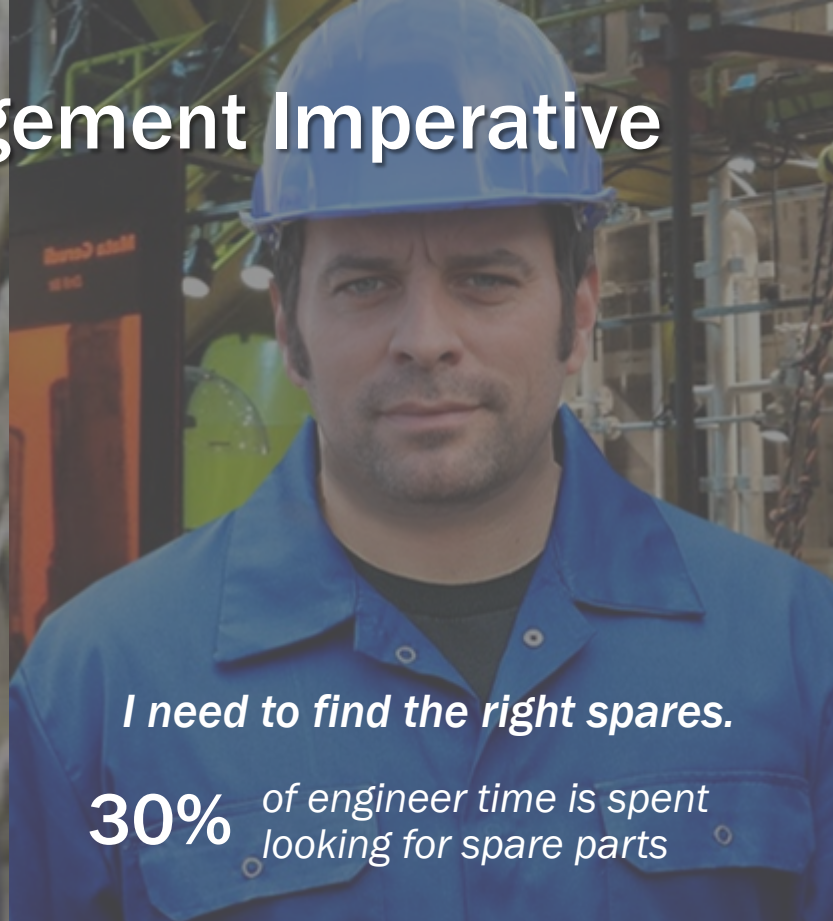


# The Data Management Imperative



*I need to source the right materials.*

**20%** annual holding cost for materials - multiplied by duplicate entries



*I need to find the right spares.*

**30%** of engineer time is spent looking for spare parts



*I need to manage the right relationships.*

## Poor data increases Operational Risk

### “I can’t find the right part”

- Costs to re-purchase already owned stock
- Delays in return to service of critical systems

### “I’ve fit the wrong part”

- Unexpected machine failure
- Possible safety and liability issues

### “Who has this part available?”

- Inventory and supply chain control



# Supplier Contract Challenges

- Managing Supplier Relationships together with Material Masters
- Handling a constant stream of Suppliers pricebooks deltas with updates
- Movement of data
- New materials need to be available but not as Material/Item Masters until required
- Obsolete items need to be linked to superseding items
- Functional equivalents need to be identified to manage optimal inventory levels
- High quality master data is required for contract renegotiation and determining lowest cost suppliers
- ERP Needs to link to external catalogues via interfaces such as OCI

# Master Data Management



## CHALLENGE

Stockouts, overspending, wasted time looking for the right part or service are just some of the challenges when procurement, supply chain and maintenance engineering information are spread and inconsistent across various systems.

## SOLUTION

A framework to help organizations globally structure and centrally manage their data masters, including; maintenance, repair and operations (MRO), industrial and facility services, product information, finished goods, direct and indirect materials.



## BENEFITS

- Collect and convert data into clean, structured, de-duplicated records
- Enable effective data governance
- Find needed information quickly
- Improve procurement, inventory, supply chain relationships, spend management and more with robust analytics

# Identifying best fit suppliers for Goods and Services

## A HANDFUL OF FEATURES

A NUMBER OF ADDITIONAL KEY FEATURES ENHANCE THE USABILITY, WEARABILITY AND DURABILITY OF THE CORESHIELD™ RANGE.

### THUMB REINFORCEMENT

The thumb plays a crucial role in grip and dexterity, and is often subject to greater wear than other areas of the glove. All CoreShield™ gloves have a reinforced thumb for greater wear resistance and extended product life.

### TOUCHSCREEN



## WHAT MAKES A CORESHIELD™ GLOVE?

A HONEYWELL CORESHIELD™ GLOVE MAKES CUT PROTECTION SIMPLE. BUT WHAT MAKES A HONEYWELL CORESHIELD™ GLOVE?

01 Color coding and EN-ANSI cut protection level marking

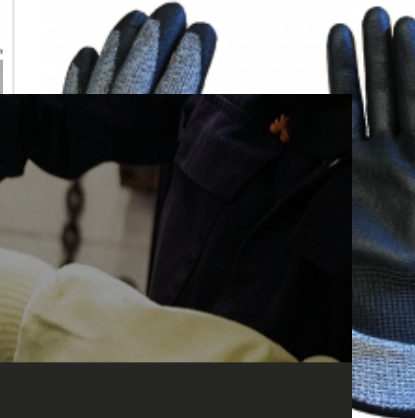


02 CoreShield™ Engineered Yarn



SKIN FRIENDLY AND COMFORTABLE MATERIAL TO SHIELD THE

03 CoreShield™ High Performa



## Engineering

- Filter
- Technology [+]
- Range [+]
- Cut Resistance [+]



### Argent

TAR25

Resistance: ★★★★★



### Aura

AUR01

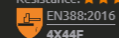
Resistance: ★★★★★











### Aura FF

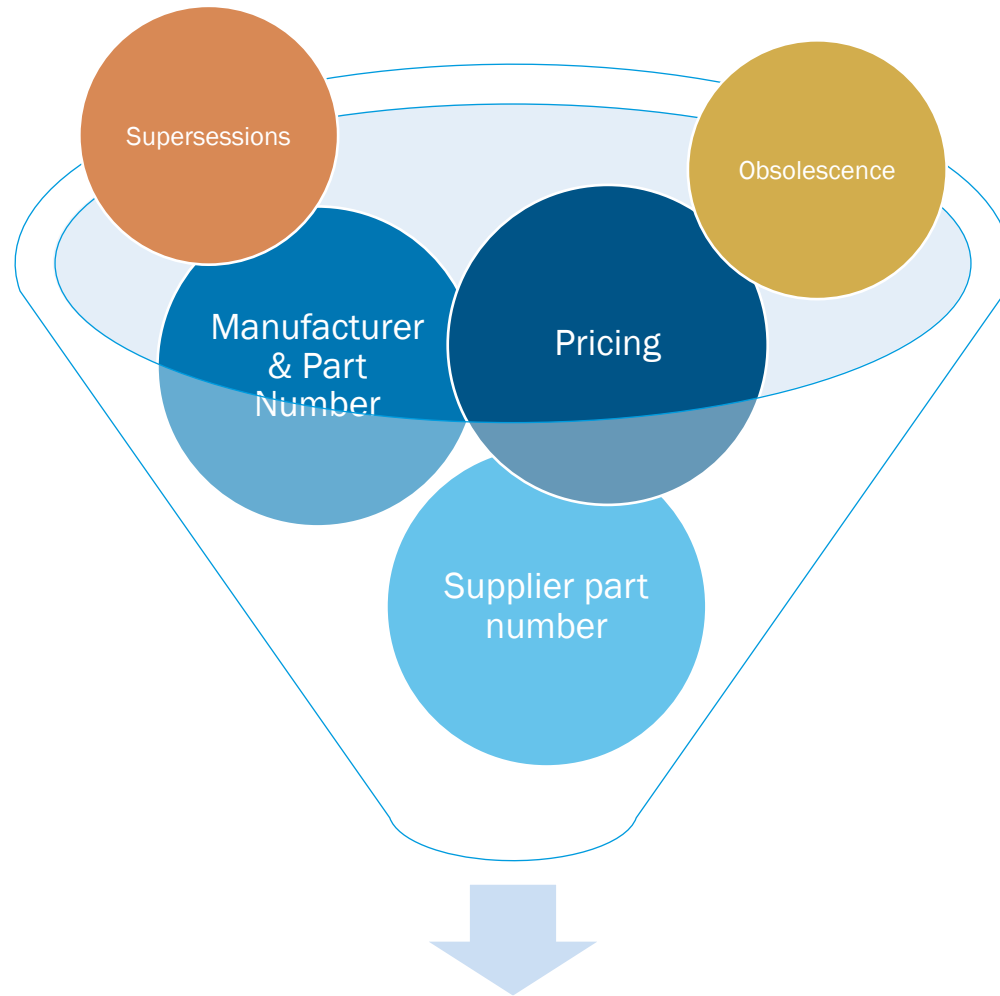
AUR01FF

Resistance: ★★★★★



 <p>Anti Vibration HPPE Rubber Coat Anti-impact Work Glove (TPR-501)</p>	 <p>Anti-impact PVC Coated Work Glove (TPR-301) \$4.70</p>	 <p>Goatskin Hyperon-Lined Driver Style Impact Glove - Cut Level A5 (TRX743)</p>	 <p>Goatskin Leather Mesh Driver Style Impact Glove (TRX846)</p>
 <p>Light Weight Anti-Vibration And Anti-impact Work Glove (TPR-601)</p>	 <p>Mechanic Firm Grip Work Glove For Anti-impact with TPR (TRP540)</p>	 <p>White Goatskin Hyperon-Lined Driver Style Impact Glove (TPR-901)</p>	 <p>Anti Impact And Cut Resistant 5 HPPE Nitrile Sandy Coated Crotch Protect TPR Safety Glove (TPR-101)</p>

XS(6)-2XL(11)



Structured Master Data



# Structured Finder Material Screenshot

Master Data – Single unique record for each SKU

The screenshot displays the Sphera MDM interface. A central dialog box titled "Compare Results (PROTECTOR GLOVE)" is open, showing a comparison of material data for seven different SKUs. The background interface includes a search bar, filter options (Item Class, Attribute, Manufacturer, Supplier, UOM, Plant, ERP Attribute, Type of Machine), and a list of part numbers on the right.

Sphera #	39723	39724	97478	116001	125065	130992
Material	3047182	3047183		3028019	3026839	
UOM	PAA	PAA	PAA	EA	EA	EA
TYPE	ELECTRICAL	ELECTRICAL	ELECTRICAL		SHOULDER SPLIT	
SIZE (TEXTUAL)			9		XL	UNIVERSAL
MATERIAL	COWHIDE LEATHER	COWHIDE LEATHER	COWHIDE LEATHER	GOATSKIN LEATHER	LEATHER	ALUMINIZED THERMO
COLOR	BLACK/TAN	BLACK/TAN	BLACK/ORANGE/TAN			
CONSTRUCTION					W/ SAFETY CUFF	
Filter by	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# Managing Supplier Contracts

[Home](#) > [Data Governance](#) > [Price Book](#)

## View

Showing 1-20 of 187 results

Date	Pricebook Name	Status	Map Status	Export Status
<input type="text" value="All"/>	<input type="text" value="All"/>	<input type="text" value="All"/>	<input type="text" value="All"/>	
4/17/2020	WeSupply Ltd	Mapped	<input checked="" type="checkbox"/> Approve priceb... 100% <b>4</b>	
1/31/2020	Vitro	In Progress	Map pricebook 0.73264 <b>8599</b>	
1/8/2020	GBLV	In Progress	Map pricebook 28.7652 <b>2138</b>	
1/8/2020	GBLO	In Progress	Map pricebook 24.5844 <b>6073</b>	
1/8/2020	GBLK	In Progress	Map pricebook 26.6215 <b>2513</b>	
1/8/2020	GBLA	In Progress	Map pricebook 22.0892 <b>4260</b>	
1/8/2020	GBKE	In Progress	Map pricebook 31.2451 <b>1293</b>	
1/8/2020	GBHY	In Progress	Map pricebook 22.8289 <b>4157</b>	
1/8/2020	GBFO	In Progress	Map pricebook 25.9499 <b>5553</b>	
1/8/2020	GBFE	In Progress	Map pricebook 30.0633 <b>5535</b>	

# Managing Pricebook Data

Home > Data Governance > Price Book > View

## Mapping

### Pricebook info

Showing 1-1 of 1 results

Catalogue ID	Catalogue Name	Buyer ID	Supplier ID	Currency Code	Territory	UOM	Com
No results found							

Showing 1-1 of 1 results

### Pricebook details

Showing 1-4 of 4 results

Approve Unapprove

<input type="checkbox"/>	Part N...	Short Desc	Map Status	Appro...	↔	Manuf...	Part N...
<input type="checkbox"/>	9SNF...	Chemical and heat resi...	AI Match	Unapproved	↔		95NFW-10
<input type="checkbox"/>	95NF...	GLOVES:CHEMICAL RE...	Existing Match	Unapproved	↔		95NFW-10
<input type="checkbox"/>	95NF...	Gloves with resistance ...	AI Match	Unapproved	↔		95NFW-10
<input type="checkbox"/>	95NF...	RESISTANT GLOVES	AI Match	Unapproved	↔		95NFW-10

Showing 1-1 of 1 results

Approve Unapprove

Showing 1-20 of 99483 results

Manufacturer	Part Number	Short Desc
All	All	All
3M	00021200212109	ADHESIVE~TYPE: SPRA
3M	000212003002...	ADHESIVE~TYPE: SPRA
3M	00021200711206	TAPE~TYPE: MASKING~
3M	00021200760983	ADHESIVE~TYPE: SPRA
3M	00021200855627	TAPE~TYPE: DUCT~WI
3M	0-00-51111-076...	ADHESIVE~TYPE: EPO
3M	0-00-51111-X	ADHESIVE:EPOXY;SLD;

# Enforce Easy Governance for Maximum Quality

found

... 1

Details

Showing 1-4 of 4 results

Approve Unapprove

Showing 1-20 of 99483 results

**Approve match** ✕

You are approving 3 items.  
Click confirm to proceed.

Cancel Confirm


N...	Short Desc	Number	Short Desc
...	Chemical and heat r	200212109	ADHESIVE~TYPE: SPRAY
...	GLOVES:CHEMICAL	200300264	ADHESIVE~TYPE: SPRAY
...	Gloves with resistan	200711206	TAPE~TYPE: MASKING~
...	RESISTANT GLOVES	3M 00021200760983	ADHESIVE~TYPE: SPRAY
		3M 00021200855627	TAPE~TYPE: DUCT~WID
		3M 0-00-51111-076...	ADHESIVE~TYPE: EPOX
		3M 0-00-51111-X	ADHESIVE:EPOXY;SLD;R
		3M 00051115036811	TAPE~TYPE: MASKING/I
		3M 00051115036835	TAPE~TYPE: MASKING/I

1

Approve Unapprove

# Equivalents & Alternatives

Item Details
✕



**Gloves, Chem protect** | Sphera # 568258

**Short Description** [🔗](#)

GLOVES,CHEM PROTECT,ALPHATEC,SZ 9,300MM

Manufacturer	Part Number	UOM
ANSELL INTERNATIONAL	58-270-9	PAA
PROTECTOR ALSAFE	09813053	
BLACKWOOD J. & SON LTD	09813053	

[Request Block / Delete](#)

[Extend Item](#)

[🔄](#)




Descriptive Info
Plants (29)
Change Requests
[🔗 \(3\)](#)

<b>All Characteristics</b>	7	Item Class : Gloves, Chem protect
<b>Clean Descriptions</b>	1	
<b>Description Notes</b>	0	
<b>Manufacturers</b>	3	
<b>Suppliers</b>	0	
<b>Supersessions</b>	1	
<b>Equivalents</b>	3	
<b>Alternatives</b>	0	
<b>Classification Structures</b>	3	
<b>Alternative UOMs</b>	0	

Characteristic Name	Value
Gloves Colour	Blk/Gry hand
Gloves lining data	Nylon lined
Gloves material	Nitrile coated pvc
Gloves design type	Alphatec
Gloves cuff style	Safety cuff
Gloves length	300mm lg
Gloves size	Size 9

# Automation for Services

Compare Results (DIRECTIONAL DRILLING)

sF Master Number	1044134 	1044136 	1044143 
ERP Material #	5002258	5002259	5002260
Part Number	-	-	-
Manufacturer	-	-	-
UOM	HORA (HOUR)	HORA (HOUR)	HORA (HOUR)
AMOUNT OF RIGS	-	-	-
SERVICE	-	-	-
GROUP	-	-	-
SIZE (in)	-	-	-
TOOL/PART	-	-	-
EQUIPMENT	PERFORMANCE MOTOR - ONLY OBM	PERFORMANCE MOTOR - ONLY OBM	PERFORMANCE MOTOR - ONLY OBM
MOTOR	POWERPAK XP SERIES	POWERPAK XP SERIES	POWERPAK XP SERIES
MOTOR STAGES (STAGE)	-	-	-
MOTOR SPEED	-	-	-
COLLAR SIZE (in)	-	-	-
COLLAR TYPE	-	-	-
SPECIFICATION	-	-	-
HOLE SIZE (in)	36 TO 26 in	18-1/2TO14-3/4 in	12-1/2TO10-5/8 in
RESOURCES	-	-	-
RESOURCE TYPE	-	-	-
LOCATION	-	-	-
RATE	-	-	-
Filter by	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



# ISO 8000 and ISO 22745

## Semantic Web – The Future for Material Identification

- For data to conform to ISO 8000-110 it must be quality data that meets the stated requirements and is portable.
- Quality data comes from the implementing three stages of ISO 22745:
  1. The open technical dictionary (part 10)
  2. The identification guide (part 30)
  3. The master data (part 40)
- So, ISO 22745 is the essential foundation from which data quality can be measured, that is why it is referenced in ISO 8000.

# Our Mission



Sphera is the leading global provider of Integrated Risk Management software and information services with a focus on **Environment, Health, Safety & Sustainability; Operational Risk Management; and Product Stewardship**



Environment,  
Health, Safety  
& Sustainability



Operational Risk  
Management



Product  
Stewardship



To create a **safer, more sustainable & productive world.**



A photograph of a man in a light blue shirt sitting in a blue office chair, seen from behind. He is pointing his right index finger upwards. In the background, other people are blurred, suggesting a meeting or conference setting. The lighting is soft and professional.

# Questions?



# CONTACT

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