LimpahMas

- SEAL
- SAFETY
- CUTTING TOOLS
- HEAVY EQUIPMENT SPAREPARTS



CATALOG PRODUCT

WWW.LIMPAHMAS.COM



TENTANG KAMI

PT Limpah Mas Indonesia (LMI) adalah sebuah perusahaan yang berfokus pada produk "Sealing Elements", dan saat ini telah terdistribusi keseluruh Indonesia dan Asia Tenggara. Telah dipercaya sebagai Authorized Distributor untuk brand ternama yang sudah mendunia seperti : Cho Sealing Tech, ALP Kaucuk, Hallite Seals, MFP Seals, dan Xpreseal.

Semakin berinovasi dengan merambah ke produk "Safety" dan dipercaya sebagai Authorized Distributor untuk brand ternama seperti : Cheetah, Uvex, Lototo, KZPT, Swipe All, C&S, HYSTEC, dan K-Strong.

Kami pun terus mengukuhkan diri sebagai perusahaan penyedia produk Industri dengan memasarkan produk "Cutting Tools", dan juga dipercaya sebagai Authorized Distributor untuk brand seperti : YG1, Kennametal, dan Widia.

BRAND KAMI :

OSTYNN SEALING ELEMENTS · CHO · ALP · Hallite · XpreSEAL · MFP SEALS A DIVISION OF MARTIN FLUID POWER · CHEETAH SAFETY WEAR

uvex · K-STRONG UNRIVALED SAFETY · Lototo · SWIPE-ALL · HYSTEC · MORE SAFETY MORE COMFORTABLE · KZPT

C&S · OWL GUARD · WIPESY · YG · KENNAMETAL · WIDIA · HYARA

VISI & MISI KAMI

VISI

Menjadi mitra bisnis pilihan dan pemasok terpercaya untuk solusi industri dan safety di Indonesia dan Asia Tenggara

MISI

Memberikan solusi yang tepat untuk meningkatkan nilai bagi customer dalam bidang industri dan safety

DRIVE VALUES LIMPAH MAS INDONESIA

DETERMINATION
Siap untuk berkomitmen, disiplin, dan gigih untuk maju

RESPECT
Siap untuk menghargai perbedaan, membina kerja sama & rendah hati

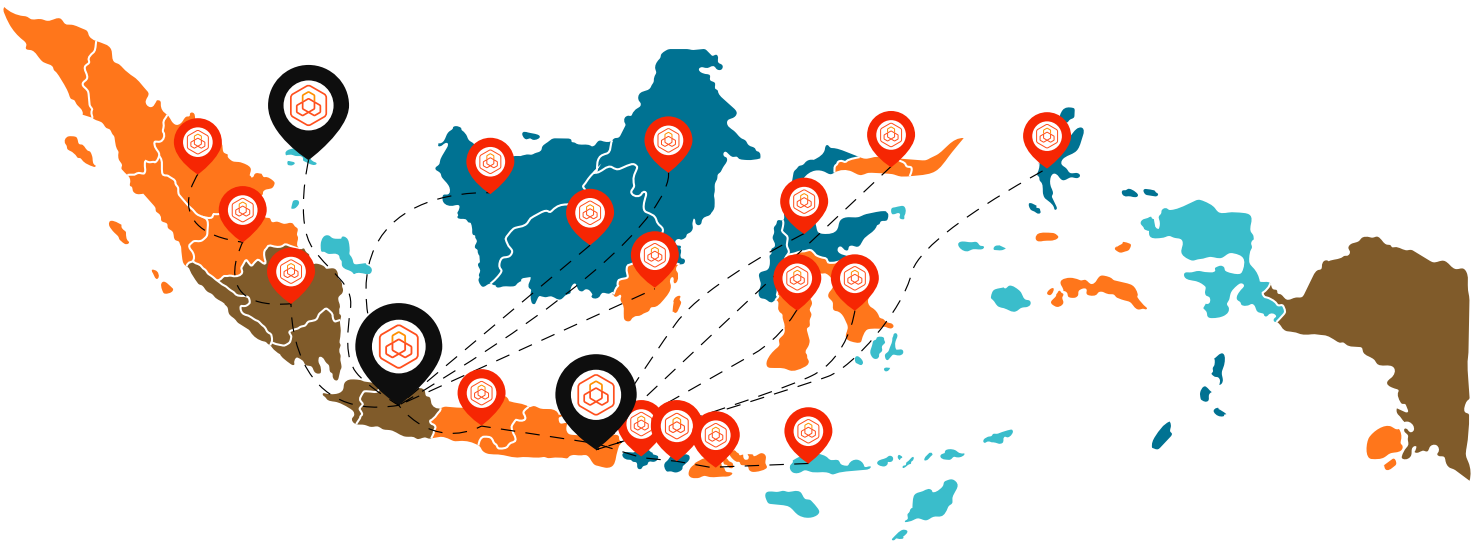
INNOVATION
Siap untuk berubah lebih baik, kreatif, & solutif terhadap masalah

VIRTUE
Siap untuk jujur, berfikir positif, & menjadi teladan dalam bersikap

EXCELLENCE
Siap untuk bermental juara, berkontribusi terbaik, dan profesional

LIMPAH MAS INDONESIA

LINE DISTRIBUTION



CABANG JAKARTA - SURABAYA - BATAM

CABANG JAKARTA	LAUTZE HEAD OFFICE&TOKO	LTC GLODOK SEAL, SAFETY & CUTTING TOOLS	GUDANG MANGGA BESAR	KANTOR KEDOYA & GUDANG
CABANG SURABAYA	JL. RADEN SALEH	DUPAK SQUARE		
CABANG BATAM	OSTYNN BATAM PERKASA			













PELANGGAN KAMI

- Oil & gas, offshore & petrochemical
- Paper, pulp & packaging
- Shipyards & ship building industry
- Mining industry
- Cement & lime industry
- Automotive industry
- Pump & valve
- Fluid power
- Mechanical handling
- Wind power
- Mechanical engineering
- Repair & refurbishment (mro)
- Food & beverage
- Steel & non ferrous industry
- Presses
- Bank & Building
- Others

Cabang Jakarta - Surabaya





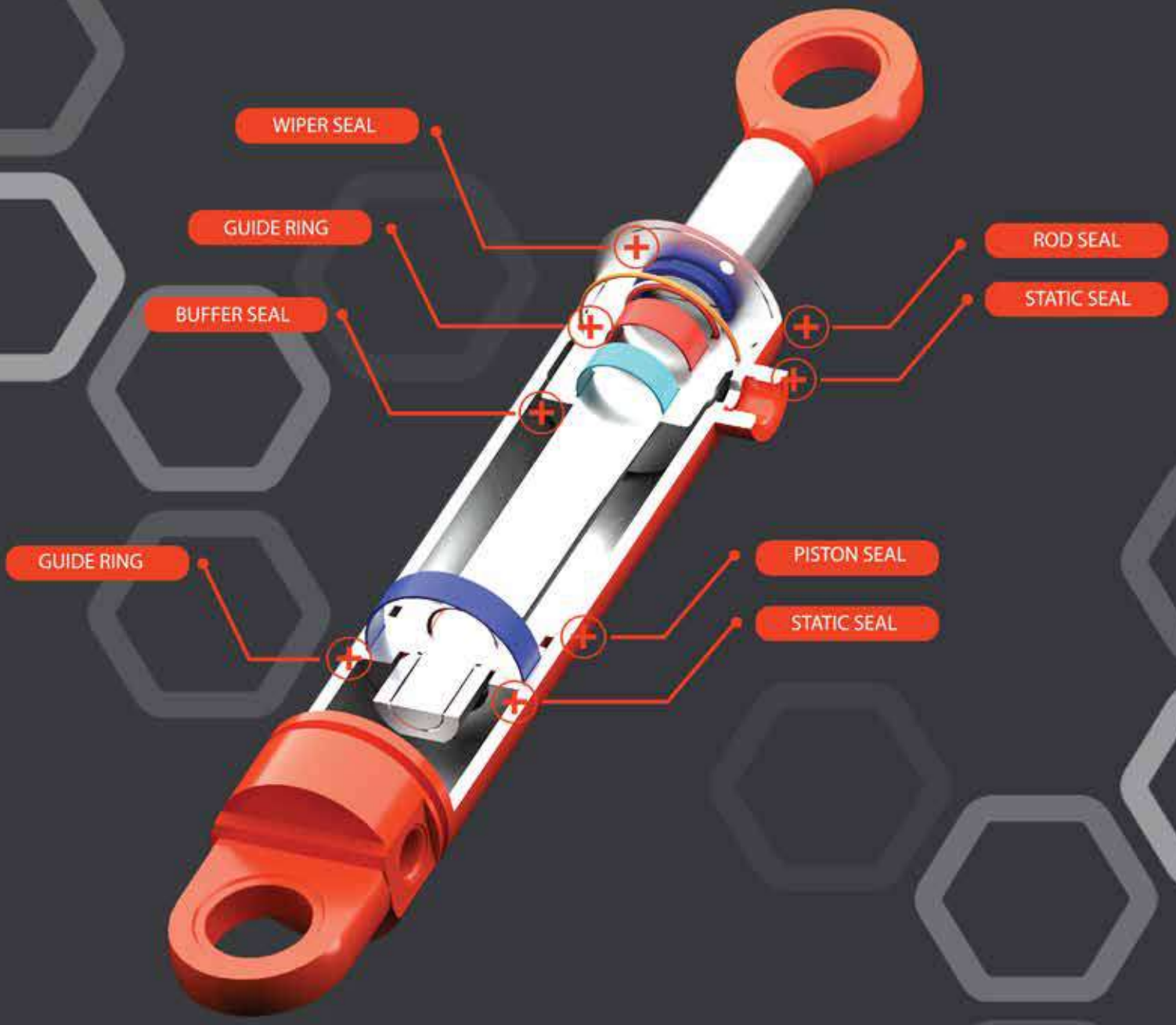








"SEALING SOLUTION"



BRAND : OSTYNN SEALING ELEMENTS, CHO, DLP, Hallite, XpreSEAL, MFP SEALS, HYARA

HYDRAULIC SEALING ELEMENTS



A101
U-Ring Rod Piston

Material	: PU/NBR/FKM
Hardness	: 80
Application	: Piston
Pressure	: 400 bar
Temprature	: -30+105 °C
Speed	: 0.5 ms



A 102
U-Ring Piston

Material	: PU/NBR
Hardness	: 90+92
Application	: Piston
Pressure	: 160 bar+400 bar
Temprature	: -30+105 °C/-30+100 °C
Speed	: 0.5 ms



A 105
Compact Seal

Material	: NBR+TPE+POM+FIBER GLASS
Hardness	: 80
Application	: Piston
Pressure	: 400 bar
Temprature	: -30+105 °C
Speed	: 0.5 ms



A 107
Rod Piston Seal

Material	: NBR+FABRIC NBR
Hardness	: 80+90
Application	: Piston - Rod
Pressure	: 250 bar
Temprature	: -30+105 °C
Speed	: 0.5 ms



A 108
U-Ring Piston

Material	: 92 PU / POM
Hardness	: 90
Application	: Piston
Pressure	: 400 bar
Temprature	: -40/ +100°C
Speed	: 0.5 m/s



A 120
V-Pack Rod

Material	: NBR+FABRIC NBR+POM
Hardness	: 90+90
Application	: Rod
Pressure	: 400 bar
Temprature	: -30+100 °C
Speed	: 0.5 ms



A 121
V-Pack Piston

Material	: NBR+FABRIC NBR+POM
Hardness	: 90+90
Application	: Piston
Pressure	: 400 bar
Temprature	: -30+105 °C
Speed	: 0.5 ms



A 122
V-Pack Rod

Material	: NBR+FABRIC NBR+POM
Hardness	: 90+90
Application	: Rod
Pressure	: 400 bar
Temprature	: -30+105 °C
Speed	: 0.5 ms



A 123
PISTON SEAL

Material	: NBR+PU
Hardness	: 70+98
Application	: Piston
Pressure	: 400 bar
Temprature	: -30+100 °C
Speed	: 0.5 ms

HYDRAULIC SEALING ELEMENTS



A 152
Heavy Duty U-ring Rod



Material	: PU+POM+NBR
Hardness	: 92+70
Application	: Rod
Pressure	: 500 bar
Temprature	: -30+100 °C
Speed	: 0.5 ms



A 153
U-ring Rod



Material	: PU+POM
Hardness	: 92+70
Application	: Rod
Pressure	: 400 bar
Temprature	: -30+100 °C
Speed	: 0.5 ms



A 155
Rod Seal



Material	: NBR+TPE+POM
Hardness	: 80
Application	: Rod
Pressure	: 7000 bar
Temprature	: -30+105 °C
Speed	: 0.5 ms



A 156
Rod Seal



Material	: NBR+FABRIC NBR+POM
Hardness	: 80
Application	: Rod
Pressure	: 400 bar
Temprature	: -30+105 °C
Speed	: 0.5 ms



A 157
U-ring Rod



Material	: PU
Hardness	: 92
Application	: Rod
Pressure	: 400 bar
Temprature	: -30+100 °C
Speed	: 0.5 ms



A 209
Buffer Ring



Material	: PU+POM
Hardness	: 92
Application	: Rod
Pressure	: 400 bar
Temprature	: -30+100 °C
Speed	: 0.5 ms



A 301
PISTON SEAL



Material	: PTFE BRONZE +NBR
Hardness	: 70
Application	: Piston
Pressure	: 400 bar
Temprature	: -30+105 °C
Speed	: 0.5 ms



A 311
ROD SEAL



Material	: PTFE BRONZE+NBR
Hardness	: 70
Application	: Rod
Pressure	: 400 bar
Temprature	: -30+105 °C
Speed	: 0.5 ms



SPGW
PISTON SEAL



Material	: PTFE BRONZE+NBR
Hardness	: 70
Application	: Piston
Pressure	: 500 bar
Temprature	: -40+100 °C
Speed	: 1.5 ms

HYDRAULIC SEALING ELEMENTS



DPWL
Piston Seal

Material	: NBR+FABRIC NBR
Hardness	: 80
Application	: Piston
Pressure	: 400 bar
Temprature	: -30+105 °C
Speed	: 0.5 ms



OHM
Rod Seal

Material	: NBR+POM
Hardness	: 80
Application	: Rod
Pressure	: -
Temprature	: -30+120 °C
Speed	: 1.0 ms



ROI
Piston Seal

Material	: NBR+TPE/(GLASS FILLER)
Hardness	: 80
Application	: Piston
Pressure	: 400 bar
Temprature	: -30+105 °C
Speed	: 0.5 ms



SPNRI
Oil Seal

Material	: NBR Metal / FKM Metal
Hardness	: -
Application	: Rotary Seal
Pressure	: -
Temprature	: -35+100 °C/-40+230 °C
Speed	: -

PNEUMATIC SEALING ELEMENTS



A 801
Pneumatic Piston

Material	: NBR+METAL
Hardness	: 75
Application	: Piston
Pressure	: 16 bar
Temprature	: -30+105 °C
Speed	: 1.0 ms



A 803
Short Stroke Pneumatic Piston Seal

Material	: NBR
Hardness	: 70
Application	: Piston
Pressure	: 12 bar
Temprature	: -30+105 °C
Speed	: 1.0 ms



A 808
Pneumatic Piston Seal

Material	: NBR
Hardness	: 70
Application	: Piston
Pressure	: 12 bar
Temprature	: -30+105 °C
Speed	: 1.0 ms

WIPER



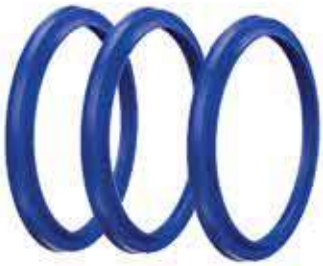
A 202
Wiper

Material	: PU/NBR
Hardness	: 92/90
Application	: Wiper
Pressure	: -
Temprature	: -30°C to 100°C
Speed	: 1.0 m/s



A 204
Wiper

Material	: PU/NBR
Hardness	: 92/90
Application	: Wiper
Pressure	: -
Temprature	: -30+105°C/ -30+100°C
Speed	: 1.0 m/s



A 208
Wiper

Material	: PU/NBR
Hardness	: 92/90
Application	: Wiper
Pressure	: -
Temprature	: -30+100°C/ -30+105°C
Speed	: 1.0 m/s



DKB
Wiper

Material	: NBR+METAL
Hardness	: 90
Application	: Wiper
Pressure	: -
Temprature	: -35+105°C
Speed	: -



GA
Wiper

Material	: NBR+METAL
Hardness	: 90
Application	: Wiper
Pressure	: -
Temprature	: -35+100 °C
Speed	: -



DKI
Wiper

Material	: METAL+PU
Hardness	: 92
Application	: Wiper
Pressure	: -
Temprature	: -35+100 °C
Speed	: -



DKBI
Wiper

Material	: METAL+PU
Hardness	: 92
Application	: Wiper
Pressure	: -
Temprature	: -35+105 °C
Speed	: -



A 852
pneumatic Rod Seal

Material	: PU
Hardness	: 92
Application	: Wiper+Rod
Pressure	: 16 bar
Temprature	: -30+80 °C
Speed	: 1.0 ms



A 855
Wiper

Material	: PU+NBR
Hardness	: 92+90
Application	: Wiper
Pressure	: 16 bar + 12 bar
Temprature	: -30+80 °C/-30+80 °C
Speed	: 1.0 ms

WIPER



PDU
Pneumatic Rod Seal

Material	: NBR
Hardness	: 80
Application	: Wiper Rod
Pressure	: 10 bar
Temprature	: -35+105 °C
Speed	: 1.0 ms



A 205
Double Wiper

Material	: NBR+PU
Hardness	: 90+92
Application	: Wiper
Pressure	: -
Temprature	: -30+105 °C/-30+100 °C
Speed	: 1.0 ms



864
Double Wiper

Material	: PU
Hardness	: 92
Application	: Wiper
Pressure	: -
Temprature	: -45+110 °C
Speed	: 1.0 ms



839
Double Wiper

Material	: PU
Hardness	: 92
Application	: Wiper
Pressure	: -
Temprature	: -45+110 °C
Speed	: 1.0 ms



LBH
Wiper

Material	: NBR
Hardness	: 80-90
Application	: Wiper
Pressure	: -
Temprature	: -35+200°C
Speed	: 1.0 m/s

GUIDE RING

A 251
Piston Guide Ring

Material	: Pom+Cam Elyaf : Pom+Glas Filler
Application	: Piston Rod
Temprature	: -30+125 °C
Speed	: 1.0 ms

A 255
Polyster Fabric Guide Ring

Material	: Polyster Fabric
Hardness	: Pom+Glas Filler
Application	: Piston Rod
Pressure	: -
Temprature	: -40+125 °C
Speed	: 1.0 ms



WR
Double Wiper

Material	: PTFE
Application	: Piston Rod
Temprature	: -200+60 °C
Speed	: 1.0 ms

KZT
Piston Rod Guide Ring

Material	: PTFE Bronze
Application	: Piston Rod
Temprature	: -200+60 °C
Speed	: 1.0 ms

ROTARY SEAL

SC
Design
Material NBR/FKM

TC
Design
Material NBR/FKM

SB
Design
Material NBR/FKM

TB
Design
Material NBR/FKM

SA2
Design
Material NBR/FKM

TA2
Design
Material NBR/FKM





TCN
Oil Seal

Material	NBR Metal / FKM Metal
Hardness	-
Application	Rotary Seal
Pressure	-
Temprature	-35+100 °C / -40+230 °C
Speed	-



BONDED SEAL

Material	: METAL+NBR/METAL+FKM
Temperature	: -40+200 °C



VA
Oil Seal

Material	: NBR/FKM
Hardness	: 60
Application	: Rotary Seal
Pressure	: 3 Bar
Temprature	: -20+100 °C/-20+250 °C
Speed	: -



VS
V-Ring

Material	: FKM/NBR
Hardness	: 60
Application	: Rotary Seal
Pressure	: 3 Bar
Temprature	: -20+105 °C/-20+250 °C
Speed	: -



ORING



ORING

Material	Temperature
-NBR 70/NBR 90	-40+120
-FKM 75/FKM 90	-40+230
-SIL-70	-60+230



ORING
Cord

Material	Temperature
-NBR	-40+120
-FKM	-40+230
-EPDM	-65+150
-SIL	-60+230



ORING
Encapsulated Oring

Material	Temperature
-PTFE+FKM	-25+200
-PTFE+Silicon	-60+200



BACK-UP RING

Material	Temperature
-PTFE	-40+200



X-RING

Material	Temperature
-NBR-80	-40+120
-FKM-70	-40+230



MECHANICAL SEAL



155-40

Temprature : -20 °C + 200 °C
Pressure : ≤80 MPa
Speed : ≤10 ms



2100

Temprature : -40 °C + 150 °C
Pressure : ≤1.2 MPa
Speed : ≤13 ms



560

Temprature : -30 °C + 200 °C
Pressure : ≤1MPa
Speed : ≤12 ms



GRF

Temprature : -30°C to 180°C
Pressure : -
Speed : -



156

Temprature : -30°C to 100°C
Pressure : 5 MPa
Speed : 10 M/S



551C

Temprature : -30°C to 200°C
Pressure : 12 MPa
Speed : 15 M/S



MG1

Temprature : -30°C to 200°C
Pressure : 12 MPa
Speed : 10 M/S



FTK

Temprature : -30°C to 180°C
Pressure : 6 MPa
Speed : 5 M/S



1527

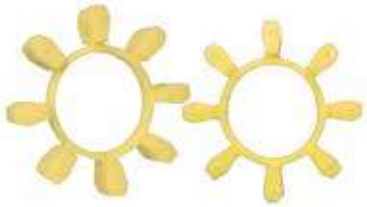
Temprature : -20°C to 200°C
Pressure : 10 MPa
Speed : 10 M/S

HYDRAULIC SEALING ELEMENTS



COUPLING
MT

Material	: PU
Hardness	: 92
Temprature	: -30+100 °C



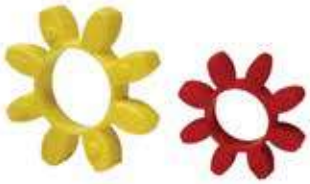
COUPLING
Flender

Material	: PU
Hardness	: 92
Temprature	: -30+100 °C



COUPLING
GS

Material	: PU
Hardness	: 92
Temperature	: -30+100 °C



COUPLING
GR

Material	: PU
Hardness	: 92
Temprature	: -30+100 °C



COUPLING
SBT

Material	: PU
Hardness	: 92
Temprature	: -30+100 °C



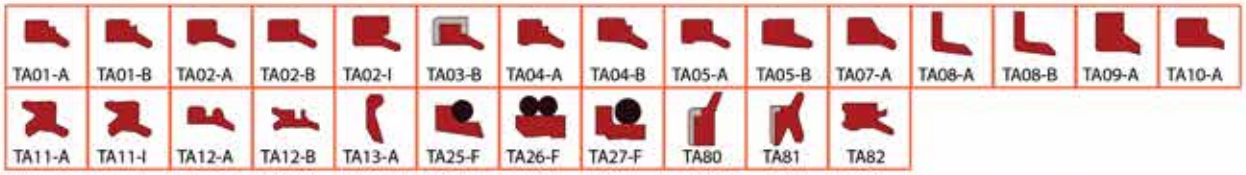
COUPLING
Coupling H

Material	: NBR
Hardness	: 90
Temprature	: -30+105 °C



SEAL PROFIL

WIPER SEAL



ROD SEAL



PISTON SEAL



ROTARY SEAL

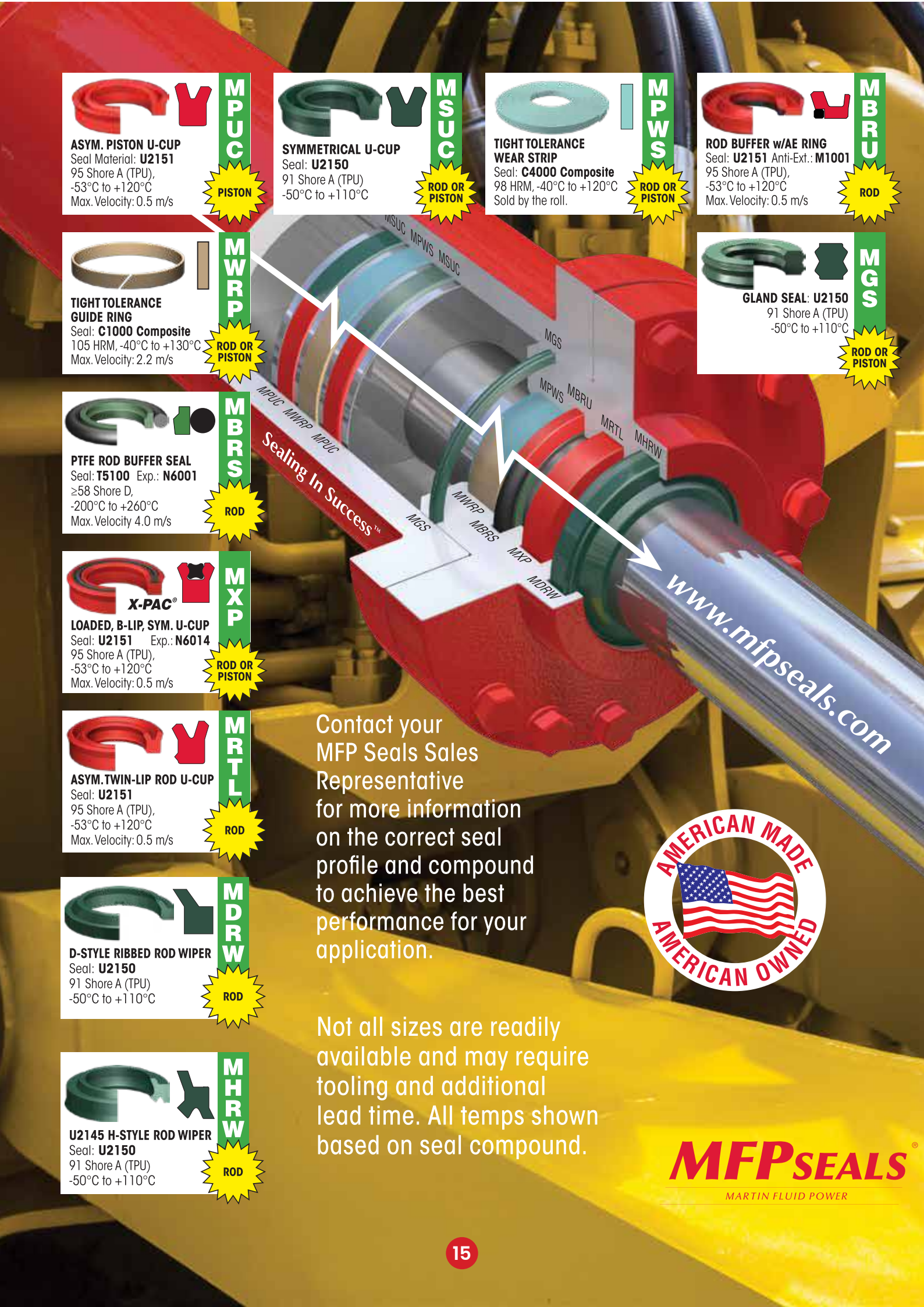


GUIDE & BACK-UP RING



OTHER SEAL




MPUC
ASYM. PISTON U-CUP
Seal Material: U2151
95 Shore A (TPU),
-53°C to +120°C
Max. Velocity: 0.5 m/s
PISTON
MSUC
SYMMETRICAL U-CUP
Seal: U2150
91 Shore A (TPU)
-50°C to +110°C
ROD OR PISTON
MPWS
TIGHT TOLERANCE WEAR STRIP
Seal: C4000 Composite
98 HRM, -40°C to +120°C
Sold by the roll.
ROD OR PISTON
MBRU
ROD BUFFER w/AE RING
Seal: U2151 Anti-Ext.: M1001
95 Shore A (TPU),
-53°C to +120°C
Max. Velocity: 0.5 m/s
ROD
MWRP
TIGHT TOLERANCE GUIDE RING
Seal: C1000 Composite
105 HRM, -40°C to +130°C
Max. Velocity: 2.2 m/s
ROD OR PISTON
MGS
GLAND SEAL: U2150
91 Shore A (TPU)
-50°C to +110°C
ROD OR PISTON
MBRS
PTFE ROD BUFFER SEAL
Seal: T5100 Exp.: N6001
≥58 Shore D,
-200°C to +260°C
Max. Velocity 4.0 m/s
ROD
MXP
X-PAC®
LOADED, B-LIP, SYM. U-CUP
Seal: U2151 Exp.: N6014
95 Shore A (TPU),
-53°C to +120°C
Max. Velocity: 0.5 m/s
ROD OR PISTON
MRTL
ASYM. TWIN-LIP ROD U-CUP
Seal: U2151
95 Shore A (TPU),
-53°C to +120°C
Max. Velocity: 0.5 m/s
ROD
MDRW
D-STYLE RIBBED ROD WIPER
Seal: U2150
91 Shore A (TPU)
-50°C to +110°C
ROD
MHRW
U2145 H-STYLE ROD WIPER
Seal: U2150
91 Shore A (TPU)
-50°C to +110°C
ROD
MSUC MPWS MSUC
MGS
MPWS MBRU
MRTL MHRW
MPUC MWRP MPUC
Sealing In Success™
MGS
MWRP MBRS MXP
MDRW
www.mfpseals.com
Contact your MFP Seals Sales Representative for more information on the correct seal profile and compound to achieve the best performance for your application.
AMERICAN MADE
AMERICAN OWNED
Not all sizes are readily available and may require tooling and additional lead time. All temps shown based on seal compound.
MFPSEALS®
MARTIN FLUID POWER

Hallite

GENUINE QUALITY SEAL REPAIR KIT



Our innovative seal repair kit are effective in the most demanding of conditions.

maximise your efficiency



KOMATSU CATERPILLAR HITACHI HYUNDAI Kubota LiuGong Sumitomo
SUNWARD KOBELCO VOLVO Construction Equipment HINO TCM DOOSAN SANY JCB TADANO

ENGINEERED IN UNITED KINGDOM

MFP SEALS
A DIVISION OF MARTIN FLUID POWER

PREMIUM QUALITY SEAL REPAIR KIT

Our innovative seal repair kit are effective in the most demanding of conditions.

maximise your efficiency >





KOMATSU CATERPILLAR HITACHI HYUNDAI Kubota LiuGong Sumitomo
SUNWARD KOBELCO VOLVO Construction Equipment HINO TCM DOOSAN SANY JCB TADANO

AMERICAN MADE AMERICAN OWNED

SEAL & ORING REPAIR KIT

SEAL KIT OSTYNN PREMIUM



Material
PU
NBR90
TEFLON VIRGIN
TEFLON BROWN
NOVOTEX
POM
NILON

SEAL KIT OSTYNN GENUINE



Material
METAL PU
PU
PU+NYLON
TEFLON BRONZ
WEARING NOVOTEK
NYLON
POM+NBR+BRONZ

CATERPILLAR O-Ring Kit



Material	Max pressure	Temp range
NBR90	200 Bar	-34°C to 121°C
FKM75 BLACK	80 Bar	-34°C to 121°C

HITACHI O-Ring Kit



Material	Max pressure	Temp range
NBR90	200 Bar	-34°C to 121°C
FKM75 BLACK	80 Bar	-34°C to 121°C

KOMATSU O-Ring Kit



Material	Max pressure	Temp range
NBR90	200 Bar	-34°C to 121°C
FKM75 BLACK	80 Bar	-34°C to 121°C

KOBELCO O-Ring Kit



Material	Max pressure	Temp range
NBR90	200 Bar	-34°C to 121°C
FKM75 BLACK	80 Bar	-34°C to 121°C

CONTROL VALVE O-Ring Kit



Material	Max pressure	Temp range
NBR90	200 Bar	-34°C to 121°C
FKM75 BLACK	80 Bar	-34°C to 121°C

AS568 (INCHI) O-Ring Kit



Material	Max pressure	Temp range
NBR70	80 Bar	-34°C to 121°C
NBR90	200 Bar	-34°C to 121°C
FKM BLACK	200 Bar	34°C to 121°C

JIS (MM) O-Ring Kit



Material	Max pressure	Temp range
NBR70	80 Bar	-34°C to 121°C
NBR90	200 Bar	-34°C to 121°C
FKM75 BLACK	80 Bar	-34°C to 121°C

METRIX O-Ring Kit



Material	Max pressure	Temp range
NBR70	80 Bar	-30°C to 120°C

uvex
protecting people

ling Mask

silv-Air 3220

tyle Mask

silv-Air 2310

Ear Plugs

Whisper+ 2111238

Earmuff

uvex K2 2600002

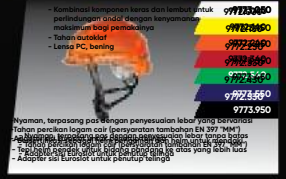


Multifunctional Helmets

uvex pheos E-WR







chin strap

9790007 & 9790005



uvex pheos B-S-WR

uvex u-cap sport





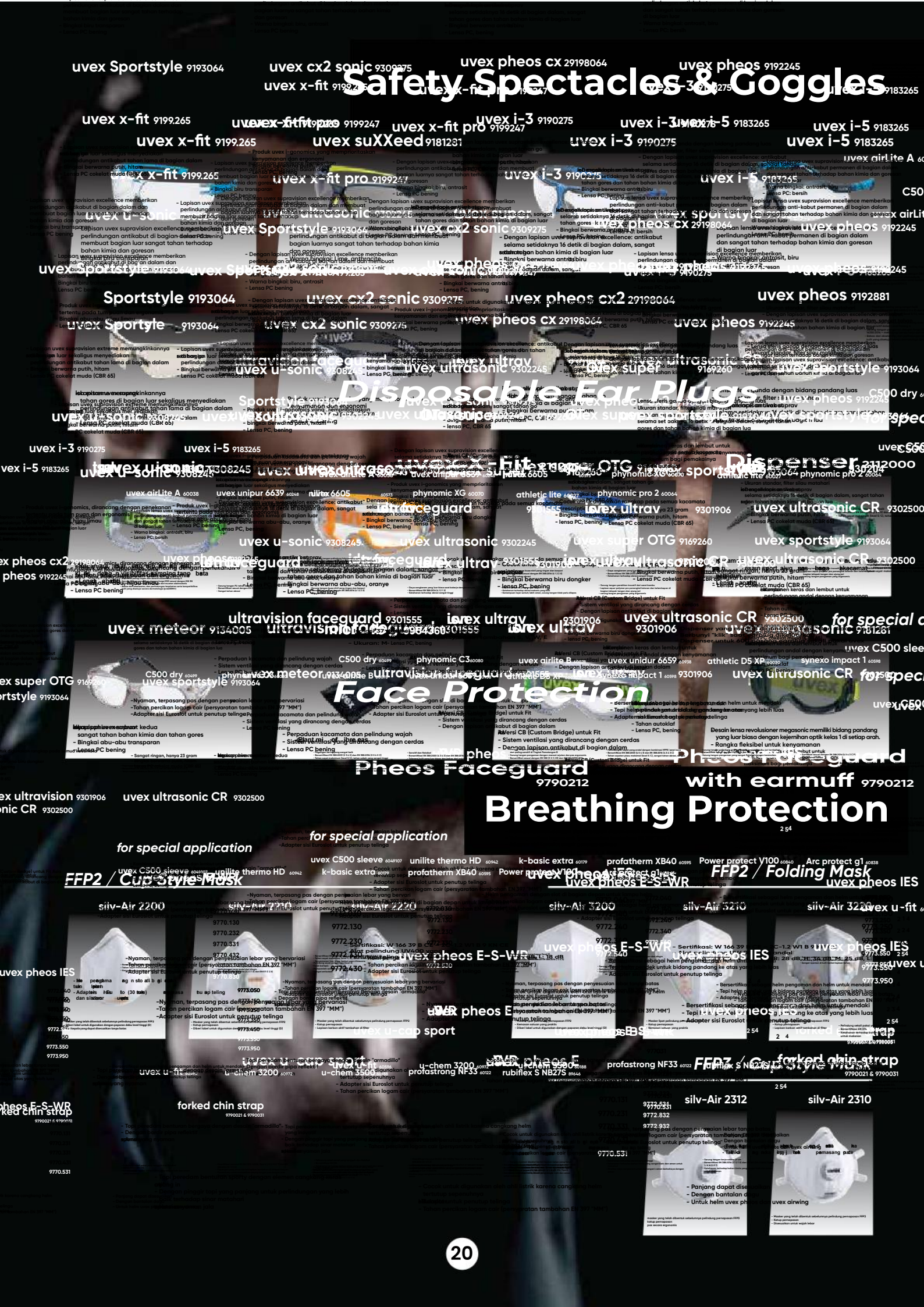


uvex u-cap sport

uvex pheos E-S-WR

forked chin strap

9790021 & 9790031


Safety Spectacles & Goggles
Disposable Ear Plugs
Dispenser
Face Protection
Pheos Faceguard
9790212
with earmuff 9790212
Breathing Protection
for special application
FFP2 / Cup Style Mask
FFP2 / Folding Mask
FFP3 / Cup Style Mask
forked chin strap
silv-Air 2200
silv-Air 3200
silv-Air 3210
silv-Air 2312
silv-Air 2310
uvex Sportstyle 9193064
uvex cx2 sonic 9309275
uvex pheos cx 29198064
uvex pheos 9192245
uvex x-fit 9199.265
uvex x-fit pro 9199247
uvex suXXeed 9181231
uvex i-3 9190275
uvex i-5 9183265
uvex airLite A 60038
uvex u-sonic 9308245
uvex ultrasonic 9302245
uvex super OTG 9169260
uvex pheos 9192881
uvex unipur 6639 60248
nilite 6605 60373
phynomic XG 60070
phynomic pro 2 60064
athletic lite 60027
athletic D5 XP 60030
uvex ultrasonic CR 9302500
uvex sportstyle 9193064
ultravision faceguard 9301555
uvex ultrav 9301906
uvex meteor 9134005
C500 dry 60499
phynomic C3 60080
uvex unidur 6659 60938
synexo impact 1 60598
uvex C500 sleeve 6049107
unilite thermo HD 60942
k-basic extra 60179
profatherm XB40 60595
Power protect V100 60840
Arc protect g1 60838
uvex pheos E-S-WR
uvex pheos IES
uvex u-fit
uvex u-cap sport
u-chem 3200 60973
u-chem 3500 60988
profastrong NF33 60122
rubiflex S NB27S 89646
forked chin strap
9790021 & 9790031
9770.531
9772.832
9772.932


Safety Gloves
for mechanical risks / precision work
for mechanical risks / cut protection
for special application
Hearing Protection
Disposable Ear Plugs
Reusable Ear Plugs
Face Protection
Earmuff
FFP2 / Cup Style Mask
silv-Air 2200
silv-Air 2210
Disposable Ear Plugs
uvex X-Fit 2112010
Dispenser 2112000
21

FALL PROTECTION BY

KSTRONG
UNRIVALED SAFETY.





BODY HARNESS



Elite Harness
2-Point Adjustment, 2-Point Attachment
AFH300251



Elite Shock Absorbing Webbing
Double Leg Lanyard with Steel Screw
Locking Karabiner and Steel Scaffold Hook
AFL408612

ANCHORAGES & LINES



Horizon Temporary
Horizontal Webbing Anchorage Line
AFA940001



Guided Type Fall Arrester System On
Flexible Anchorage Line
AFA951201





FALL ARRESTER



Brute SRL Block (Wire Rope)
6 Meter with Steel Snap Hook
AFS510006



Brute SRL (Webbing)
6 Meter with Steel Snap Hook
AFS550006

CONFINED SPACE



H-Base Davit Arm
AFT751011



Tripod (7ft)
AFT710007

OUR TECHNOLOGY



QUICK LACE™
Fast and practical lacing solution for quick-on and quick-off.

AIRGO LITE COMFORT INSOLE
Lightweight PU insole for foot-shaped cushioning.

SOLEGARD™
Metal-free nail proof layer that improves movement and flexibility.

SAFETY TOE
Fiberglass cap offers top protection, non-conductive, EN12568 compliant, and metal-free.

ESD
Conductive shoes with <100 MΩ resistance for static sensitive areas.

LIGHTWEIGHT PU INSOLE
Polyurethane outsole with high flexibility and cushioning.

DURABLE PU OUTSOLE
Dual-layer outsole for energy return and less fatigue.

LIGHT DUTY	MEDIUM DUTY	HEAVY DUTY
REVOLUTION™	REBOUND™	NITRILE™
WOMEN™	Reflex™	ADV™

SAFETY SHOES TO PROTECT AND EMPOWER PEOPLE.

CHEETAH® SAFETY WEAR

Since 1972 CHEETAH® made it our mission to create robust Safety Shoes to meet the most demanding requirements of professionals in every field. Each pair of shoes are designed and made to maximize the wearer's protection and comfort.

Today the same passion to make high quality products continue to drive CHEETAH® to innovate and develop dependable Safety Shoes and PPE that Empower, Enhance, and Protect.

NITRILE.

- Nitrile Rubber Outsole
- Steel Safety Toe
- Heat Resistant (Up to 300 C)
- Chemical Resistant Outsole



2001



2002



2180



2290



2288

REVOLUTION

- Single PU Outsole
- Steel Safety Toe
- Steel Midsole (Optional)
- Economical Pricing



3001



3002



3180



3286



9202

Safety PVC Rubber Boots
- 9202 K
- 9202 KS (Steel Midsole)

REBOUND.

- Double PU Outsole
- Steel Safety Toe
- Steel Midsole (Optional)
- Durable Grain Upper



7001



7012



7106



7110



7288

ADV

- Double PU Outsole
- Composite Safety Toe
- SoleGard™
- Water Resistant Uppers



NYX



JUBATUS



TIGRIS



PARDUS



RIGGER

ADD-ONS



TOE GUARD™



ZIP-ON™



ANTI PENETRATION
Steel Midsole / Solegard



COMPOSITE TOE CAP

Kain Majun VS Swipe-All

Siapa yang anda Pilih:



LAP INDUSTRI MODERN SERBAGUNA

- Kuat dalam kondisi basah atau kering,dapat dibilas & digunakan berulang kali.
- Efisien untuk membersihkan semua jenis kotoran, oli, gemuk & tumpahan cairan.
- Kualitas & ukuran yang konsisten sehingga meningkatkan produktifitas kerja.
- Hemat tempat penyimpanan & rendah biaya pembuangan limbahnya.
- Bebas dari mikro organisme sehingga aman digunakan pada industri makanan.
- Produk terbaik untuk menggantikan kain majun & lebih ekonomis.

	SWIPE-ALL S70 JUMBO ROLL	SWIPE-ALL S70 QUARTER FOLD	SWIPE-ALL S80 QUARTER FOLD	SWIPE-ALL S50 ROLL
				
Kode Produk	79970	79960	79990	79950
Material	Pulp 70% & PP 30% 70 Gram	Pulp 70% & PP 30% 70 Gram	Pulp 70% & PP 30% 80 Gram	Pulp 70% & PP 30% 50 Gram
Daya serap	Sangat tinggi	Sangat Tinggi	Sangat tinggi	Tinggi
Ukuran Lembar	30 x 35 cm	28 x 34 cm	30 x 30 cm	25 x 25 cm
Jumlah Lembar	900 Lembar/roll (Setara 180kg Majun)	720 Lembar(8x@90) (Setara 144kg Majun)	720 Lembar (8x@90) (Setara 144kg Majun)	800 Lembar/roll (Setara 80kg Majun)
Hygienitas Kemasan	Plastic Wrap + Box	Plastic Pack + Box	Plastic Pack + Box	Plastic Wrap + Box
Safety	• Bebas Micro-Organisme (Sertifikat Hasil Uji dari IPB) • MSDS, TDS, COA.			
Aplikasi	• Automotive, Metal & General Manufacturing, Mining, Oil & Gas • Food, Beverage & Dairy Manufacturing, Pharmaceutical & Aviation.			

SWIPE-ALL®

SWIPE-GO®



SWIPE-ALL ABSORBENT & SPILL KIT

- Menyerap dengan cepat & berdaya serap tinggi
- Dapat menyerap minyak yang ada diatas permukaan air
- Mudah dalam penyimpanan & pembuangan
- Berstandard international dilengkapi dengan MSDS & TDS
- Ramah lingkungan, setelah dipakai dapat dibakar dengan menyisakan abu kurang dari 0,02%

	SWIPE-ALL OIL ABSORBENT	SWIPE-ALL CHEMICAL ABSORBENT	SWIPE-ALL UNIVERSAL ABSORBENT
Bentuk : Pad Ukuran : 40 x 50 cm Isi : 100 Pad/Box Daya Serap/Box : 100L (C80/U80)& 120 L(P80/P81)	P80 & P81	C80	U80
Bentuk : Pillow Ukuran : 20 x 50 cm / 40 x 50 cm Isi : 16 Pillow/Box / 8 Pillow/Box Daya Serap/Box : 36L (C82/U82) & 43 L (P82) 72L (C84/U84) & 60 L (P84)	P82 & P84	C82 & C84	U82 & U84
Bentuk : Roll Ukuran : 80 x 50 m (Perforasi@80 cm x 50 cm) Isi : 1 Roll/Bag Daya Serap/Box : 120L (C83/U83) & 140L (P83)	P83	C83	U83
Bentuk : Boom XL Ukuran : 20 x 300 cm Isi : 4 Boom/Bag Daya Serap/Box : 240L (C85/U85) & 280L (P85)	P85	C85	U85
Bentuk : Sock Ukuran : 7,6 x 120 cm Isi : 12 Boom/Box Daya Serap/Box : 63L (C86/U86) & 76L (P86)	P86	C86	U86
Bentuk : Boom L Ukuran : 12,6 x 300 cm Isi : 4 Boom/Box Daya Serap/Box : 110L (C87/U87) & 130L (P87)	P87	C87	U87
Bentuk : Spill Kit 20 L (5 Gallon) : Spill Kit 45 L (12 Galon) : Spill Kit 75 L (20 Gallon)	P20, P88, P75	C20, C88, C75	U20, U88, U75
Bentuk : Spill Kit 120 L (32 Gallon) : Spill Kit 240 L (63 Gallon) : Spill Kit Customize Capacity	P89 & P90	C89 & C90	U89 & U90
Bentuk : Spill Kit 660 L (174 Gallon) : Spill Kit 1100 L (290 Gallon) : Spill Kit Customize Capacity	P93 & P95	C93 & C95	U93 & U95

Lototo

SAFETY SOLUTIONS



LOCKOUT TAGOUT SAFETY SOLUTION

EST.2007

MORE SAFETY
MORE COMFORTABLE



MORE SAFETY
MORE COMFORTABLE

Single Half Mask

EN 140:1998



2818/set ◀
cool comfort silicon Dust Proof Half Respirator



2828/pc ◀
Silicon Respirator (Body)



2899/set ◀
cool comfort siliconDust Proof Half Respirator



2818+/set ◀
Light weight comfort TPE Economic Dust proof Half Respirator



2828+◀
TPE Respirator (Body)



2899+/set ◀
Light weight comfort TPE Economic Dust proof Half Respirator

Dual Half/Full Mask

EN 140:1998,EN 136:1998



8889/set ◀
Silicon with A1P2 cool comfort



8889+/set ◀
TPE with A1P2 Light Weight,comfort Economic



8809/pc ◀
Silicon



8809+/pc ◀
TPE

9096/set ▶
Silicon with A1P2



9096+/set ▶
TPE with A1P2



9006/pc ▶
Silicon



9006+/pc ▶
TPE



LimpahMas

KZPT KALISZ

FHR











Innovation combined with comfort

The [illegible] takes into account the working [illegible] firefighters. The [illegible] comfort, [illegible] comfort of use and [illegible] lightweight, [illegible] conditions, the [illegible] level of [illegible]

Safety in extreme conditions

- Resistance of the [illegible] and [illegible] compression.
- Full protection above (-30°C) and high [illegible] resistance to flame and heat flux (tests at 1000°C).
- Resistance to [illegible]
- Eyes and face shields: [illegible] and [illegible] EN 14458:2004, EN 171:2002, EN 166: 2001 (scratch as well as [illegible])
- Reflective elements ensure the [illegible]





Available models:

- C - with glasses and a metalised visor
- F - with glasses and a transparent visor
- F - with a transparent visor



Special protective suit FHR 008 MAX

Available in two options:

FHR 008 MAX A

Outer fabric: 75% Meta-aramid, 23% Para-[illegible]
Membrane: PU laminated in non-woven [illegible]
Thermal insulation: Nomex [illegible]
50% Aramid, 50% Viscose FR.

FHR 008 MAX N

Outer fabric: Nomex [illegible]
Membrane: [illegible]
Thermal insulation: [illegible]
50% Aramid, 50% Viscose FR.







EN 388:2016



EN 388:2016

Technical gloves FHR 012

[illegible] gloves for [illegible] working [illegible] workshop conditions and during [illegible] training, housekeeping [illegible] with EN 388:2016.

Construction:

- [illegible] and perfect fit
- [illegible] properties
- [illegible] requiring high [illegible]

Available sizes: 6-12

Test results according [illegible]

- Resistance to [illegible]
- cut resistance
- tear resistance
- puncture resistance
- level of dexterity



Technical gloves FHR 013

Protective [illegible] with [illegible]

Construction:

- The [illegible] and full [illegible]
- [illegible]
- [illegible] and [illegible]
- [illegible]
- [illegible]

Available [illegible]

Test [illegible]

- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]





Firefighter hood FHR 016

Very light, elastic, thermally [illegible] cut, which does not [illegible] and the helmet. In addition [illegible] rolling up as well as unintended pulling out.

Material structure:

- two-layered – fibre composition: 93% meta-aramid, 5% para-aramid, 2% antistatic fibre
- threads: 100% aramid
- available in a lot of colours, including navy blue and ivory
- size: universal







HYSTEC
THE SAFETY COMPANY

SCBA series
Self-Contained Breathing Apparatus



Features:

- The streamlined back-plate frame providesa comfortable fit with a lower profile
- Better designed shoulder straps to dispersive and reduce the user burden, aslo with ease of donning and doffing
- Equipted with sFP or cFP facepiece, plus pressure demand regulator with First
- Breath Activation and low exhalation resistance for easy breathing and reduced user fatigue
- Fluorescent gauge and whistle end-of-service alarm be combined into one assembly for the ease of use



Components	Specifications
Full Face Mask	Silicon
Back Plate Assembly	Flame retardant (Nomex / Kevlar is available)
Cylinder Valve	90°C self-lock w/guage w/hand wheel
Air Cylinder	6.8L Composite (9.0L Composite is available)
Alarm volume	> 90 dBA
Working Pressure	300Bar
Alarm activation	55±5Bar
Weight(without air cylinder)	4.5KG
Exhalation Resistance	1000Pa
Inhalation Resistance	500Pa
Approved temperature	-30°C to +60°C
Nominal Duration	45-60minutes
Approvals	MED 96/98/EC/ EN137: 2006 / EN 136:1998+AC:2003

1 SET / CASE / CARTON



As the general use in industrial air breathing apparatus which is designed with flexible,reliable and serviceable. It usually be applied to marine, chemical, oil/gas industry etc., for the complex performance;

KENNAMETAL WIDIA YG

METAL CUTTING TOOLS EXPERTIES



In this constantly changing manufacturing world, the passion for metal cutting is crucial to stay ahead. We share that passion. With a keen understanding of yovur business realities, we provide you with metal cutting tools and solutions that match the ambitions of your company. Together, we shape the future of manufacturing.

TURNING TOOLS

For any application our turning tools control chips, tool life and vibration. This makes sure you stay in control, maximize your machining time, and stay ahead of the competition.



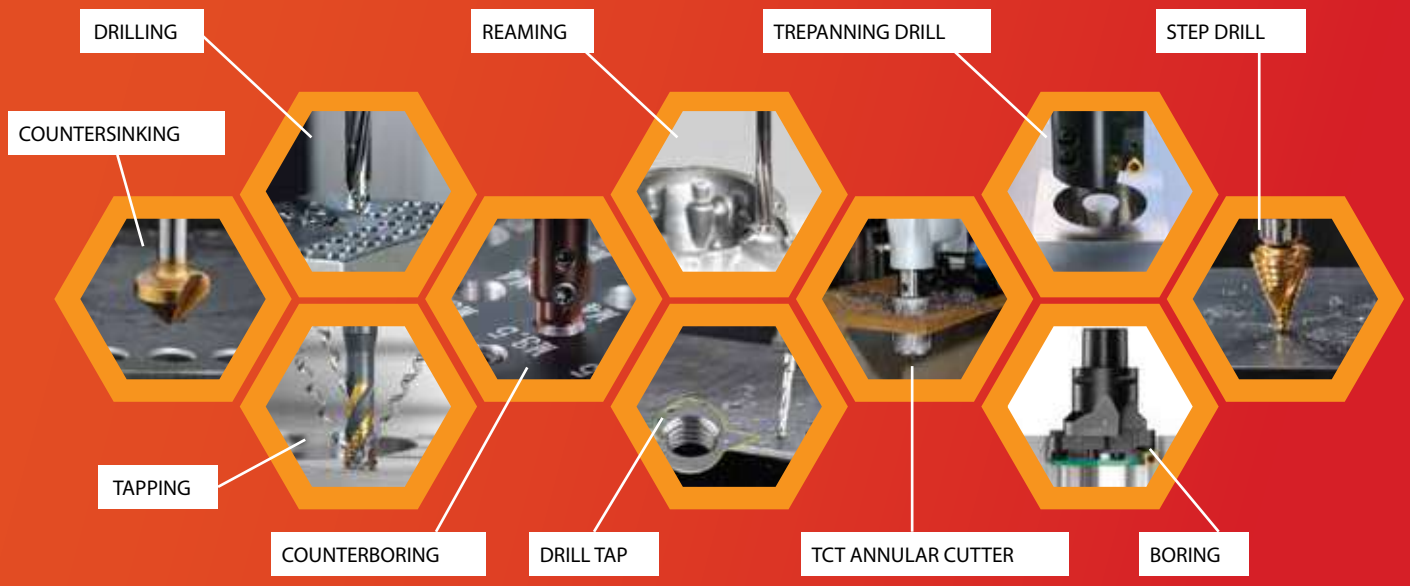
MILLING TOOLS

Whether you are milling flat surfaces, shoulders, slots, gears or complex 3D shapes, you will find the milling cutter you need here. Our efficient milling tools will give you a competitive edge and help you stay productive.



HOLEMAKING TOOLS

When it comes to holemaking, selecting the most appropriate tooling and machining strategies for your application is critical. Therefore, we offer one of the industry's most comprehensive selections of drills, reamers and boring tools. So, whether your focus is on volume, accuracy or cost savings, we have a tool that is perfect for your needs.



TOOLING SYSTEM

If you are looking for a world-class modular tooling system that provides efficiency and flexibility, you'll find what you need here. Our leading interfaceswill help you get the job done right. Our quick change options will also increase your machine utilization.

STANDARD CHUCK

Chucking Type:

- Facemill Arbor
- Drill Chuck
- Sidelock
- Milling Chuck
- Tapping Chuck
- Collet Chuck
- Hydraulic Chuck

Spindle Type:

- Bridgeport (R8)
- DIN1806 (MT with Tang)
- DIN228 (MT without Tang)
- DIN69871 (ISO)
- MAS-BT403 (BT)
- DIN2080 (NT)
- DIN69893 (HSK)



SHRINK FIT


BBT


BT


SK


HSK


slim


HEATER MACHINE

CBN/PCBN INSERTS

The hardness of cubic boron nitride (CBN) is second only to PCD and single crystal diamond. It can still maintain the hardness of cemented carbide at 25 degrees Celsius at a high temperature of 1000 degrees Celsius.



ROLLING & CUTTING SYSTEM

Tangential Thread Rolling Tools



Axial Thread Rolling Heads



Knurling Tools



Multi Cutting Turning Heads



Thread Cutting Heads



SPECIAL TOOLS

Special Turning Tools



- Non Standard Dimension
- Based On Request
- Multiple Process at 1 Tools
- Small MOQ (or None)
- Standard Insert

Special Milling Tools



- Non Standard Dimension
- Based On Request
- Multiple Process at 1 Tools
- Small MOQ (or None)
- Standard Insert

Special Holemaking Tools



- Available to use at Manual Machine
- Based On Request
- Multiple Process at 1 Tools
- Small MOQ (or None)
- Standard Insert

LimpahMas

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F. +6221 6232 5541

Lt. GF1 Blok RB No. 27
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