



COMPANY PROFILE

Member of **sealcore**[®]
network





DUCI s.r.l.

Via Tribolina, 16
24064 Grumello del Monte (BG) - ITALY
info@duciguarnizioni.com
T +39 035 838294
F +39 035 838963



AFVC s.r.l.

Zona industriale - lotto 7/8
08011 Botolana (NU) - ITALY
afvc@duciguarnizioni.com
T +39 0785 42501 - 42397
F +39 0785 43157

A world map with a green tint, showing continents and oceans. The map is centered on the Atlantic Ocean, with North America on the left and Europe and Africa on the right. The text is overlaid on the map.

TEST THE SERVICE!

FASTTRACK

**PRODUCTION & DELIVERY
10 DAYS**

A D V A N T A G E S

- Total customization of features (compound, finish, color) for each use
- An infinite range of O-rings sizes
- Internal management of the entire production
- Chain extensive STOCK SERVICE assortment
 - Minimum quantity order
 - Co-design





DUCI srl
Chiuduno (BG)
First production plant

6.000 sqm total area
3.500 sqm covered area
65 employees
Production
Compound laboratory
Quality dpt
Optical inspection
Packaging
Mold maintenance



DUCI srl
Grumello del monte (BG)
Headquarter & warehouse

24,000 sqm total area
14000 sqm covered area
27 employees
Intake and separation of finished
products
Stock and product warehouse
Integrated logistics for Customers
(EDI or Standard)
Mold workshop
Quality dpt
Sales dpt



AFVC srl
Bolotana (NU)
Second production plant

50.000 sqm total area
39.410 sqm covered area
196 employees
Production
Compound laboratory
Quality dpt
Optical inspection
Packaging
Mold maintenance
Mixer for compound
acceleration



Certifications: ISO9001 –IATF



		DNV GL	
 MANAGEMENT SYSTEM CERTIFICATE 			
Certificate no. Certificate No. 182024-2023-0002-018-B04	Date prima annualità/initial date 28 agosto 2023	Validità/validity 28 agosto 2024	
Si certifica che il sistema di gestione di/This is to certify that the management system of			
SOCIETA' FORNACE VILLA DI CHIESA S.r.l. S.P. 17 - Zona Industriale - Lotto 7/B - 08011 Bolotana (NU) - Italy			
È conforme ai requisiti della norme per il Sistema di Gestione della Salute e Sicurezza sul Lavoro/ has been found to conform to the Occupational health and Safety Management System (Laws):			
OHSA 18001:2007			
Questa certificazione è valida per il seguente campo applicativo: Produzione di guarnizioni di gomma su disegno del cliente per uso industriali (ES 14)		This certificate is valid for the following scope: Production of rubber seals to customer's design for industrial use (ES 14)	
			
Luogo di emissione and date Viminence (VR) - 28 settembre 2023		Per l'Organismo di Certificazione/ For the Notifying Body DNV GL - Notifiche Autorizzate Via Risorgimento, 41 - 38013 Viminence (VR) - Italy  Zeno Bellavito Responsabile Rappresentativa	
	La validità del presente certificato è subordinata al rispetto delle condizioni stabilite nel Contratto di Certificazione. Validity of this certificate is conditional upon compliance with the conditions established in the Certificate Agreement. www.dnvgl.com/terms		



MANAGEMENT SYSTEM CERTIFICATE

Certificato da: Certifica Italia
 CIBET - 131 - 3505 - 46 - 461 - 026347

Data prima certificazione: 06 ottobre 2005

Validità (VIG):
 16 ottobre 2017 - 16 ottobre 2020

Si certifica che il sistema di gestione di/This is to certify that the management system of

DUCI S.r.l. - Sede Legale e Operativa

Via Monte Avaro, 69 - 24060 Cusiano (BG) - Italy

È conforme ai requisiti della norma per il Sistema di Gestione Ambientale/
 Via being found to conform to the Environmental Management System standard:

ISO 14001:2015

Valutato secondo le prescrizioni del Regolamento Tecnico RT-09/
 Evaluated according to the requirements of Technical Regulations RT-09

Questa certificazione è valida per il seguente campo applicativo:
 Produzione di quantificati industriali in
 comune con processi di stampaggio,
 lavorazione, rettifiche, post-volcanizzazione,
 controllo qualità, smontaggio e
 manutenzione stampi

(EA 14)

This certificate is valid for the following sector:
 Manufacture of rubber granulate for industrial
 applications with processes of moulding,
 deflashing, blending, post-curing, quality
 control, metal chime repair and
 maintenance

(EA 14)

*Logo e certificato ad alto
 volume:* 06, agosto 2018





*Per informazioni e Certificazioni
 per il Certificato ISO 14001:
 Via Energie Park, 14 - 20873 Vimercate
 (MI) - Italy*

Piero Bellone
 Management Representative

La validità del presente Certificato è subordinata al rispetto delle condizioni enunciate nel Certificato di Conformità.
 L'uso improprio del certificato ad alto volume e la falsificazione, l'approprio uso, senza la DNV-GL, sono puniti.
 The validity of this certificate is subject to compliance with the conditions stated in the Certificate of Conformity.
 Improper use of the high volume certificate and falsification, appropriate use, without the DNV-GL, are punishable.



2018

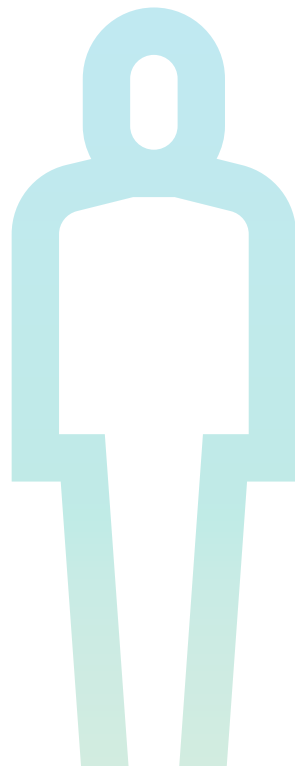
Produced pieces:

Total 3.459.535.053 pcs

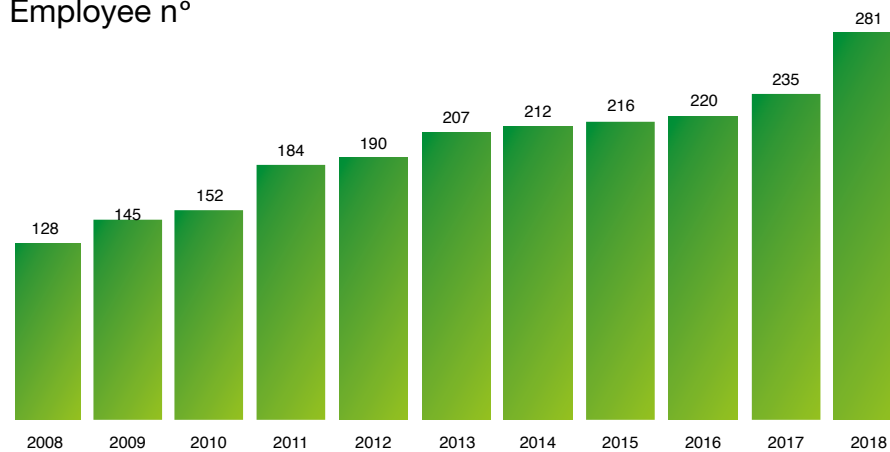
Ready to buy in stock:

Total 728.000.000 pcs

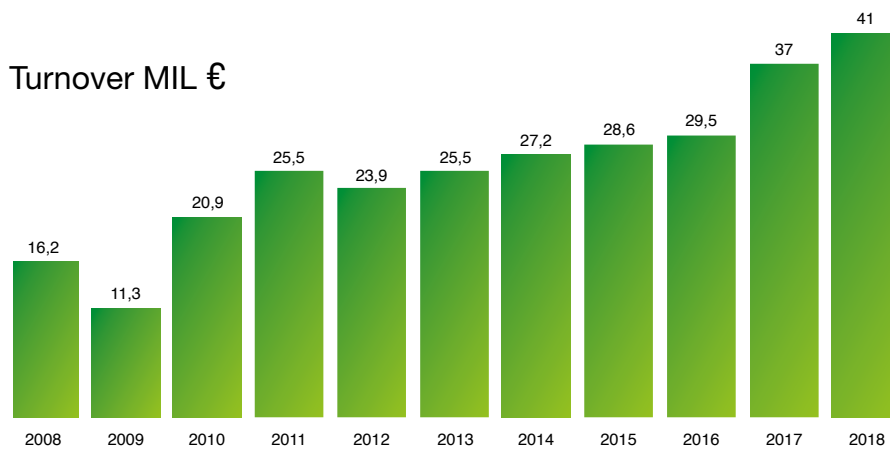
215.000 bags



Employee n°

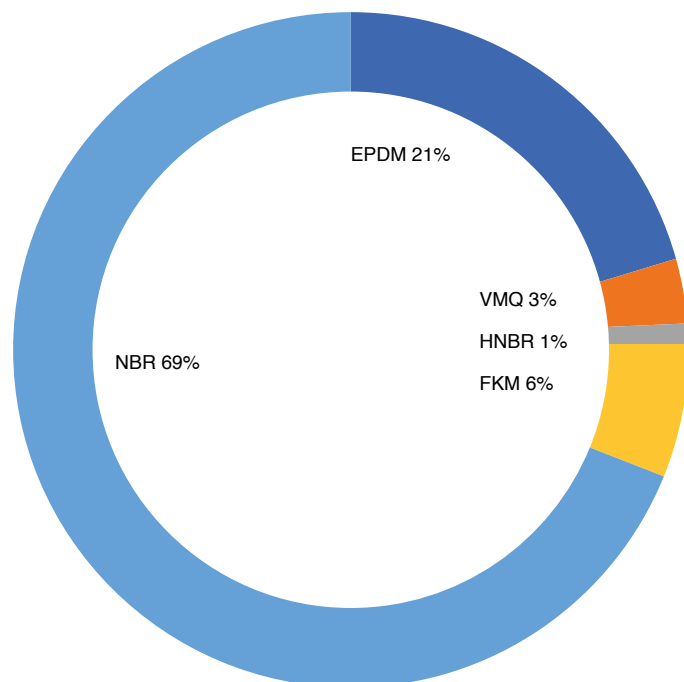


Turnover MIL €



COMPOUND RANGE

Duci

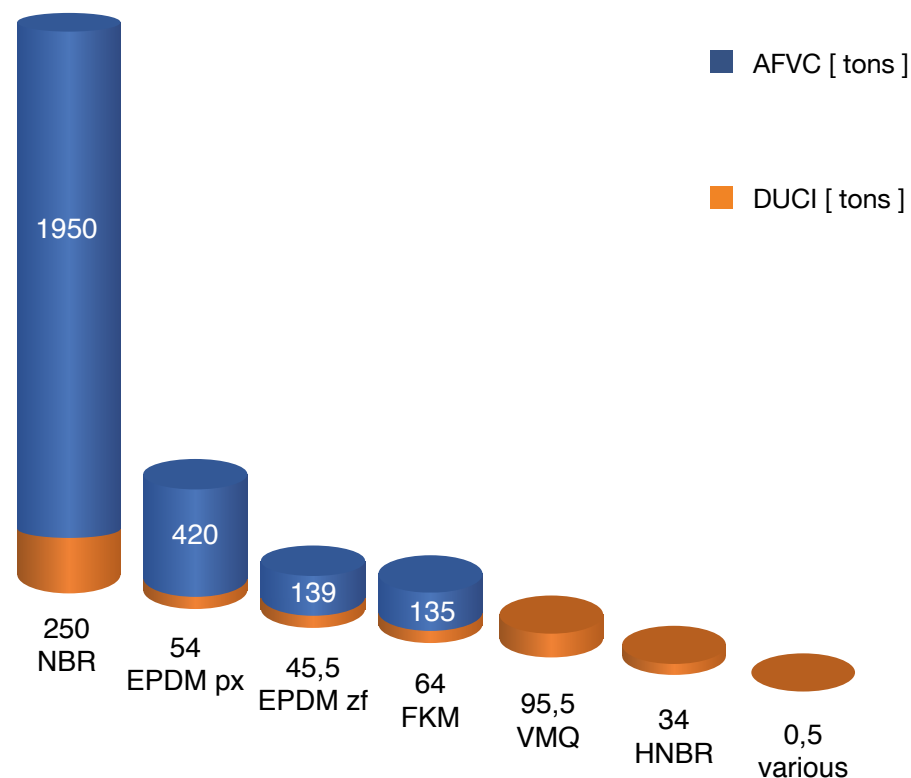


Main materials (ratio on turnover)

We have developed and applied over 700 different compounds to meet the demands of new applications and be active on many markets. Each material has been meticulously designed for optimal performance over time and to provide the best possible value. Each material can be made with hard nesses from 30 to 95 sh. and colors upon request.

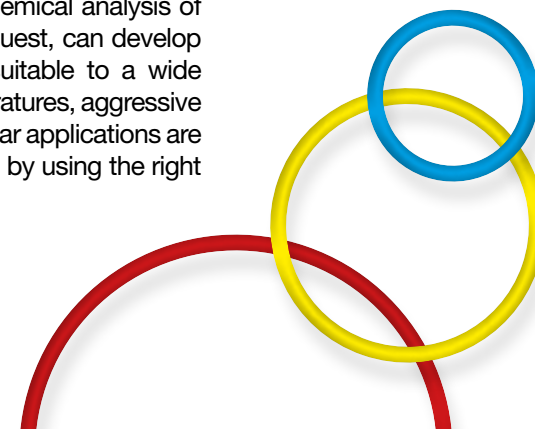


Member of SEALCORE NETWORK



Material consumption (ratio on turnover)

The staff of our laboratory is well-equipped with instrumentation for chemical analysis of compounds and, upon request, can develop customized compounds suitable to a wide variety of uses. Low temperatures, aggressive environments, and high-wear applications are just some problems solved by using the right compound.





WATER
DISTRIBUTION



ENERGY



AUTOMOTIVE



HYDRAULICS



SANITARY
WATER INDUSTRY



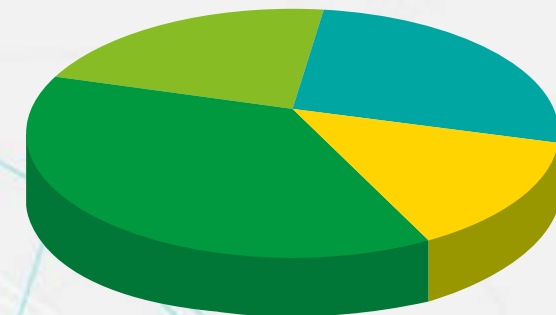
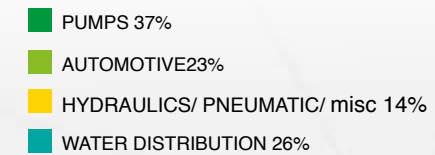
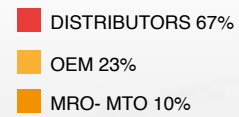
PLANT
ENGINEERING

APPLICATIONS

Duci

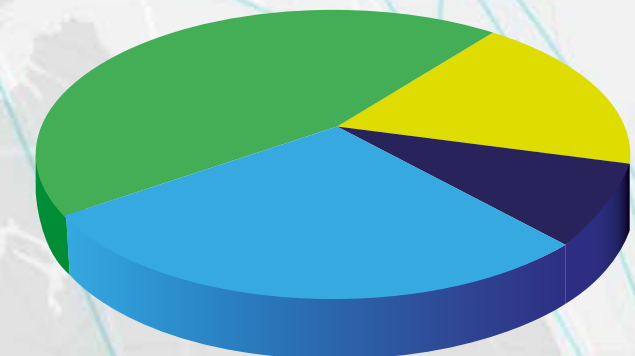
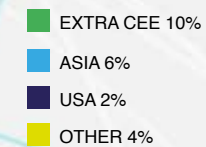
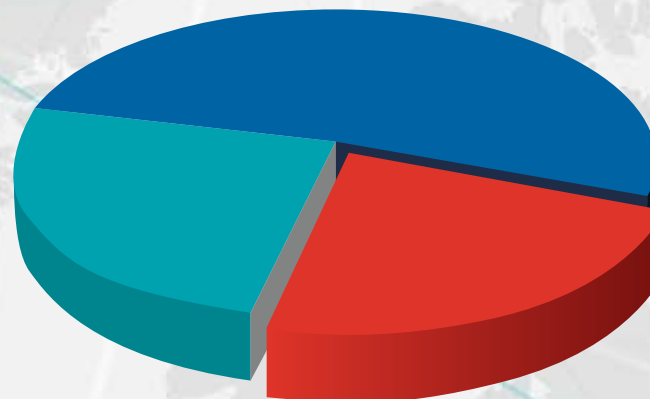


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AROUND THE WORLD

Duci





PRODUCTION



Raw Material



Tool Shop



Tool Range



Mold Chroming



Molding



Cryogenic Deburring



Grinding Tumble



Heat Treatment Ovens

R&D



TR Test



Friction force
coefficient instrument



TGA thermogravimetric

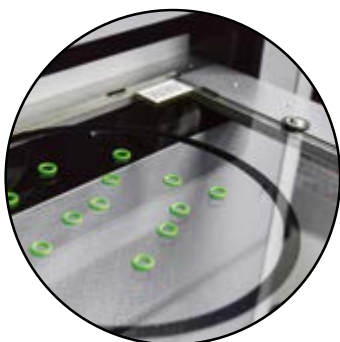


TMA Thermomechanical

QUALITY CONTROL



100% optical dimensional inspection



100% visual inspection



IR spectrophotometer



Dynamometer



rheometer and viscometer



Aging test



Specimen molds
for compression-set test



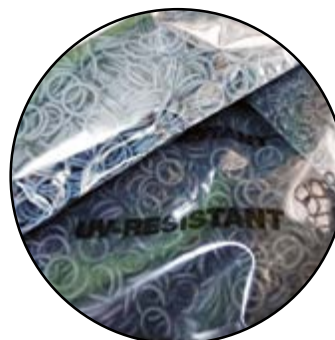
Automated warehouse
under construction



Cardboard packaging



Special finishes
and packaging



Special envelopes

R&D

[illegible]

Special approvals on our compounds

Duci



Member of SEALCORE NETWORK

GAS

- **DVGW:** Deutsche Vereinigung Gas und Wasserfaches

FOOD/PHARMA

- **USP:** United States Pharmacopeia
- **FDA:** Food and Drug Administration
- **BfR:** Bundesinstitut für Risikobewertung
- **ADI:** Animal Derived Ingredient Free
- **3 A:** 3 A Sanitary Standard

NBR	
EN549 DVGW	EN682
NBR50 M472 NBR60 M061 NBR70 M715	NBR70 M377

VMQ
EN549 DVGW
VMQ80 M215

EPDM Px				
3a SANITARY	FDA Parts 170 to 199 Item 177- 2600	USP 32 <87>	USP VI <88>	Meets the requirements of CE1935/2004
EPDM70 M534	EPDM70 M534 EPDM80 M097	EPDM70 M534	EPDM70 M534	EPDM70 M534

EPDM
FDA Parts 170 to 199 Item 177-2600
EPDM70 M572

VMQ			
EN71-3	FDA Parts 170 to 199 Item 177-2600	Meets the requirements of CE1935/2004	GS- Mark
VMQ70 Red A1:2014 migration test	VMQ fro 40 sh to 80 sh various colors	All the VMQ	All the VMQ CAT.1

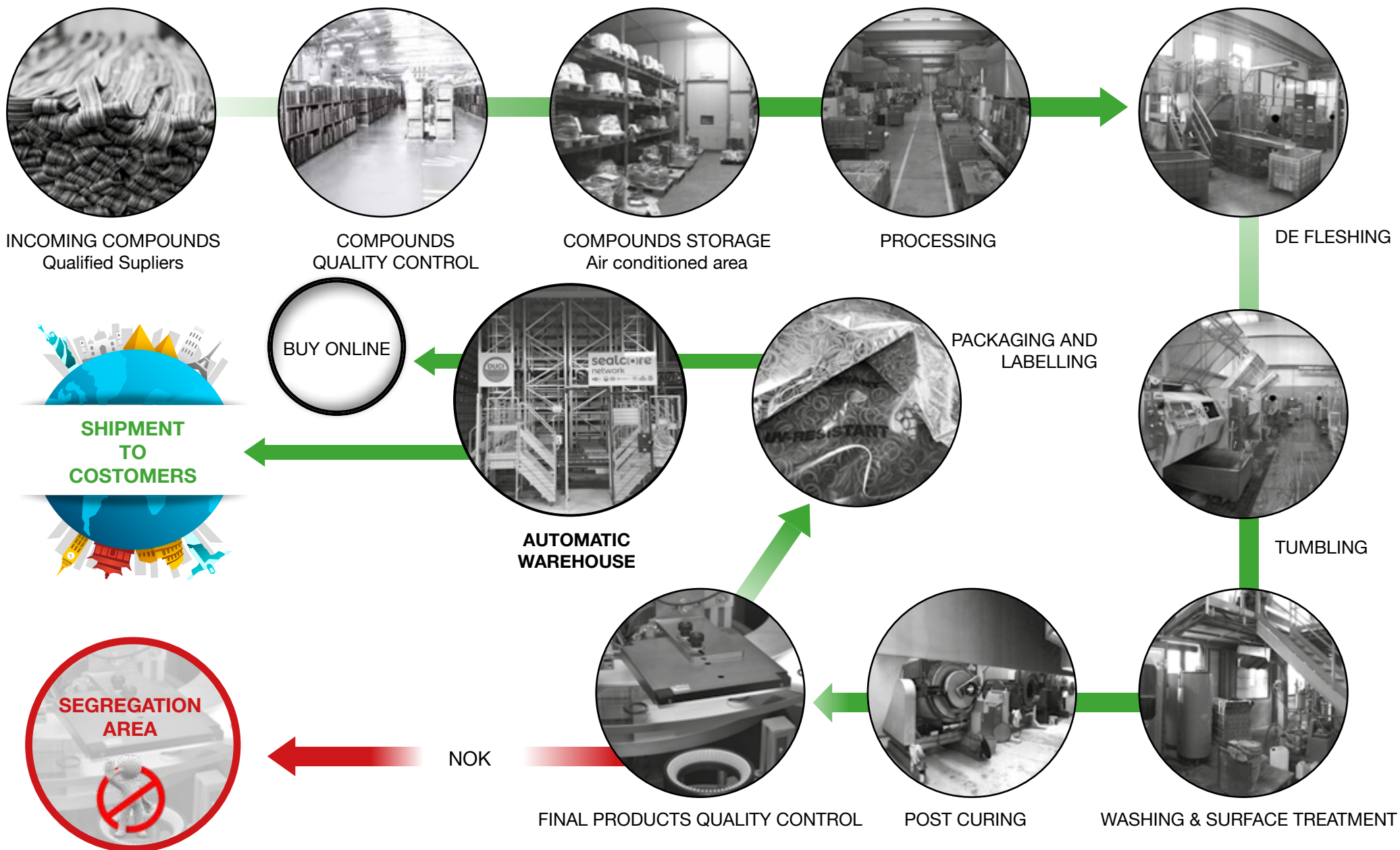
NBR	
FDA Parts 170 to 199 Item 177-2600	Meets the requirements of CE1935/2004
NBR55 M060 NBR70 M066 NBR70 M332 NBR80 M042 NBR90 M069	NBR70 M066

FKM	
FDA Parts 170 to 199 Item 177-2600	GS- Mark
FKM70 M420 FKM70 M079 green	FKM (not black) CAT.3 NOT TOYS

HNBR
FDA Parts 170 to 199 Item 177-2600
HNBR70 M461 HNBR 70 M067 green



Production process 100% on-site - PROCESS FLOW Duci



Laboratory tests

Measured dimensions (tests and controls)	Type of instrument	Norm	Used instruction	Calibration instruction	Samples
Chromium thickness of tools	Thickness tester of chromium	-	S350101	S350005	Plates
Thickness and dimension of a drawing for tools	Calliper	-	S350101	S350001	Johnson block sets
Linear dimension	micrometer (no MSA)	-	-	S350003	Johnson block sets
Tool cavity	alesameter (no MSA)	-	-	A	
Diameter and other linear dimension	Vision test machine (no MSA)	-	-	A	-
Linear dimension	Presetting colon (no MSA)	-	-	A	-
Compound impurity	filtration system (no MSA)	-	-	A	Johnson block sets
Linear Dimension	Thickness tester (no MSA)	-	-	S350002	-
TGA analysis	Thermogravimeter (no MSA)	-	-	Outside	Johnson block sets
TMA analysis	Thermomechanical (no MSA)	-	-	Outside	Outside
IR analysis	spettrofotometer (no MSA)	-	-	Outside	Outside
Tensile Stress (CR)	dynamometer (no MSA)	ISO 37 ASTM D 412	S350101 S3510004	Outside	Outside
Elongation at break (AR)	dynamometer (no MSA)	ISO 37 ASTM D 412	S350101 S3510004	Outside	Outside
Laceration	dynamometer (no MSA)	ISO 34-1 ASTM D 624	S350101 S3510004	Outside	Outside
Viscosity Mooney	Viscosimeter MV2000	ISO 289-1 ASTM 1646	S350101	Outside	Outside
Linear dimension	comparator	ISO 3601	S350001	Johnson block sets	
Thickness	thickness tester	ISO 3601	S350001	Johnson block sets	Outside
Inside diameter	cones	ISO 3601	S350004	Calliper	Outside
Dimension of the drawing	OGP	ISO 3601 ISO 3602	S350009	Outside OGP	Outside
Diameter and width of cross section	meter of diameter and width (Mig-DOSS)	ISO 3601	S350008	Sample rings	Outside
Diameter and width of cross section	meter of diameter and width (KALIX-UTP)	ISO 3601	Outside UTP	Outside UTP	Outside
Rheometric curve	rhoemeter	-	Outside Alpha Tech.	Outside Alpha Tech	Outside
Variety weight	balance	-	S350006	Sample masses	Outside
Density	densimeter	ISO 2781 ASTM D 297	S350007	Outside For-Lab	Outside
Compression Set	compression set equipment	ISO 815-1 ASTM D 395 B	S350007	Johnson block sets	Outside
Aging tests	oil and ovens of laboratory	ISO 1817 / ISO 188	S350101	Digit. thermometer	Outside
Scorch	Viscosimeter MV2000	ISO 289-1 ASTM 1646	S350101	Outside	Outside
Brittleness	Brittleness + TR Tester	ISO 812	S350101	Outside	Outside
TR Test	Brittleness + TR Tester	ISO 2921	S350101	Outside	Outside



BATCH NUMBER		V09989		Compound		EPDM 70 NERO PEROX W270 WRC		Production date		07/09/2018	
'OR' / PARTICULAR SIZE (mm)		inside diameter		15.00		cross section		1.50		other size	
ORDER N°		nominal value		u.m.		tolerance (+/-)		N° of checked pieces		tested value (low med max)	
inside diameter		15.00		(mm)		0.25 / 0.25		50		14.90 14.93 14.95	
cross section		1.50		(mm)		0.07 / 0.07		50		1.52 1.54 1.55	
other size				(mm)		/					
hardness				shore 'A'		/					
hardness		70.0		micro IRHD		5.0 / 5.0		20		65.0 66.0 67.0	
measure equipment		T111		T149		T143					
Certificato di Collaudo final inspection certificate UNI EN 10204:2005 3.1 COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =											
BATCH NUMBER		V09989		Compound		EPDM 70 NERO PEROX W270 WRC		Production date		07/09/2018	
'OR' / PARTICULAR SIZE (mm)		inside diameter		15.00		cross section		1.50		other size	
ORDER N°		nominal value		u.m.		tolerance (+/-)		N° of checked pieces		tested value (low med max)	
inside diameter		15.00		(mm)		0.25 / 0.25		50		14.90 14.93 14.95	
cross section		1.50		(mm)		0.07 / 0.07		50		1.52 1.54 1.55	
other size				(mm)		/					
hardness				shore 'A'		/					
hardness		70.0		micro IRHD		5.0 / 5.0		20		65.0 66.0 67.0	
measure equipment		T111		T149		T143					



Compound:	EPDM 70 PX BLACK FoodApp M534		
Size:	52 x 2		
Quantity:	2500	N.W.Kg: 1,570	
Reference:		U.W.g: 0,6280	
Batch Number:	V02522		
			

COMPOUND DESCRIPTION

DIMENSION

QUANTITY / UNIT WEIGHT / TOTAL WEIGHT

BATCH NUMBER - for complete traceability

BARCODE identification

FREE SPACE FOT CUSTOMER DATA
Under request

Quality as continuos improvement...

“ Today better than yesterday,
Tomorrow better than today ”

For more info about us and our products, please, visit
our website:

www.duciguarnizioni.com
www.sealcore.net





Large diameter O-Rings



High Quality O-Rings



Liquid Silicone (LSR)
3D-printed items
Polymer-made articles



PTFE, PEEK and
Techno-Polymers
components



High performance
fluid power seals



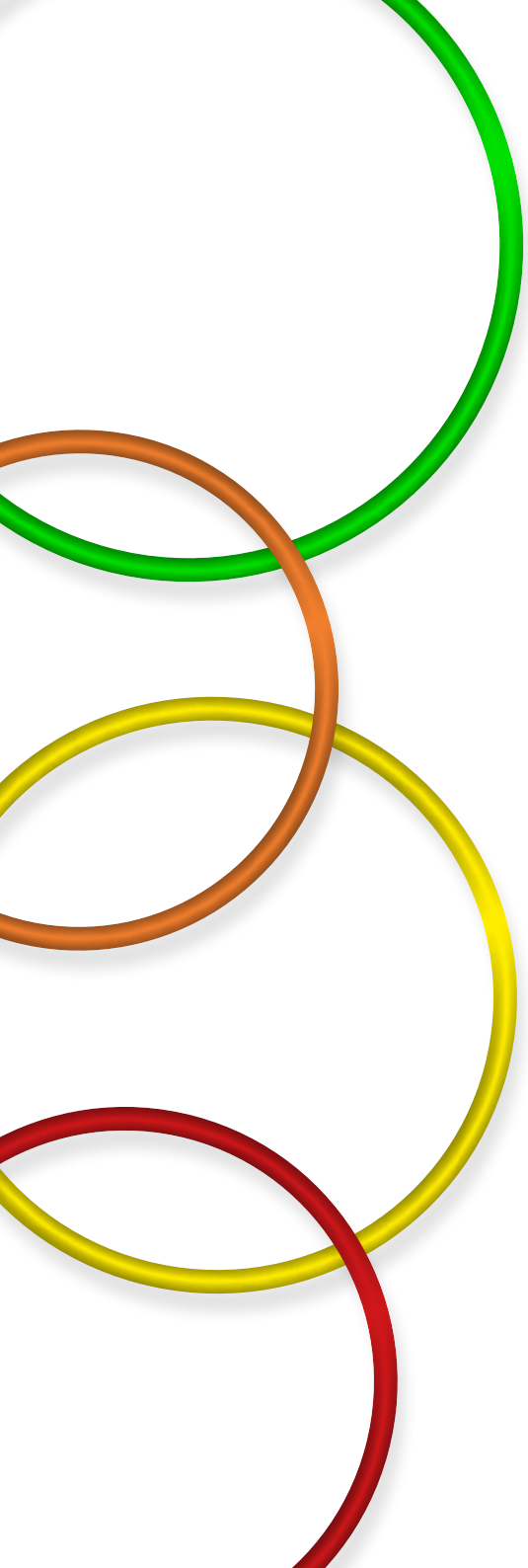
Oil Seals and
Rubber-to-Metal products



Large sizes and
Heavy-Duty Oil Seals



Self lubricating
bushings and washers



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