

# MACHINED SEALS



# OUR KNOW-HOW YOUR SUCCESS



**DICHTA®** is going beyond the traditional needs by **developing high-value sealing solutions for various industries**. Our new in-house machining capabilities enable to realize innovative products from prototyping to series production. By merging engineering competence with **dedicated customer service**, we realize a wide range of industrial seals, from the smallest to the largest sizes, to best fit your project.

**DICHTA®** va oltre le esigenze tradizionali sviluppando soluzioni di **tenuta di alto valore per diversi settori industriali**. Le nostre nuove capacità di lavorazione interne consentono di realizzare prodotti innovativi, dalla prototipazione alla produzione in serie. Unendo la competenza ingegneristica ad un **servizio clienti dedicato**, realizziamo un'ampia gamma di guarnizioni industriali, dalle dimensioni più piccole a quelle più grandi, che soddisfano al meglio il vostro progetto.

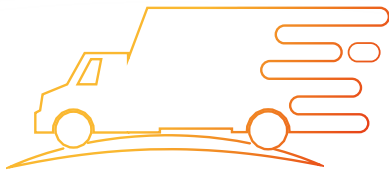


# QUALITÀ QUALITY



Continuous control at each step that ensures an excellent service and high-quality products.

**Il controllo continuo di ogni fase garantisce un servizio eccellente e prodotti di alta qualità.**



# PRIORITÀ PRIORITY

Advanced processes and technologies for quick delivery when it comes to urgent needs.

**Processi e tecnologie avanzati per una consegna rapida quando si tratta di richieste urgenti.**

# FLESSIBILITÀ FLEXIBILITY



From standard seals to customized sealing solutions even for complex applications.

**Dalle guarnizioni standard alle soluzioni di tenuta personalizzate anche per le applicazioni più complesse.**



THERMOPLASTIC POLYURETHANES

COLOUR DESIGNATION HARDNESS SERVICE TEMPERATURE APPROVALS

**HPU (Hydrolysis resistant Polyurethane)**

	HPU 95A	95 ShA	-20 / +115 °C	ABCDEF G
	HPU 95A FDA	95 ShA	-20 / +115 °C	ABCDEF G
	HPU 90A SOFT	90 ShA	-20 / +110 °C	ABCDEF G
	HPU 95A MDx	95 ShA	-20 / +115 °C	ABCDEF G
	HPU 95A Natural	95 ShA	-20 / +115 °C	ABCDEF G
	HPU 55D	55 ShD	-20 / +115 °C	ABCDEF G
	HPU 85A Supersoft	85 ShA	-20 / +100 °C	ABCDEF G
	C-HPU 96A	96 ShA	-37 / +110 °C	ABCDEF G
	C-HPU 57D	57 ShD	-30 / +110 °C	ABCDEF G
	C-HPU 70D	70 ShD	-20 / +110 °C	ABCDEF G
	C-HPU 94A LT	94 ShA	-55 / +110 °C	ABCDEF G
	C-HPU 57D LT	57 ShD	-55 / +110 °C	ABCDEF G

**PU (Polyurethane)**

	PU 96A HT	96 ShA	-26 / +135°C	ABCDEF G
	PU 96A SL	96 ShA	-20 / +110 °C	ABCDEF G
	PU 57D SL	57 ShD	-20 / +110 °C	ABCDEF G
	PU 93A	93 ShA	-30 / +110 °C	ABCDEF G







**NBR (Nitrile Butadiene Rubber)**

		NBR 85A	85 ShA	-30 / +110 °C	ABCDEF G
		NBR 75A SOFT	75 ShA	-30 / +90 °C	ABCDEF G
		NBR 80A	80 ShA	-30 / +100°C	ABCDEF G
		NBR 80A LT	80 ShA	-50 / +100 °C	ABCDEF G

**HNBR (Hydrogenated Nitrile Rubber)**

		HNBR 85A	85 ShA	-20 / +150 °C	ABCDEF G
		HNBR 90A FDA	90 ShA	-20 / +150 °C	ABCDEF G
		HNBR 85A ED	85 ShA	-15 / +150 °C	ABCDEF G
		HNBR 73A SOFT	73 ShA	-20 / +150 °C	ABCDEF G

**EPDM (Ethylene Propylene Diene Monomer Rubber)**

		EPDM 85A	85 ShA	-45 / +130 °C	ABCDEF G
		EPDM 85A FDA	85 ShA	-45 / +130 °C	ABCDEF G
		EPDM 82A UBA	82 ShA	-45 / +130 °C	ABCDEF G
		EPDM 76A SOFT	76 ShA	-50 / +90 °C	ABCDEF G
		EPDM 81A FDA MDx	81 ShA	-10 / +210 °C	ABCDEF G

A FDA  
 B EU 1935/2004  
 C EU 10/2011  
 D 3-A Sanitary Standards

E USP Class VI  
 F UBA  
 G NORSEK M710

ELASTOMERS










ELASTOMERS

THERMOPLASTICS



THERMOPLASTIC ELASTOMERS

COLOUR DESIGNATION HARDNESS SERVICE TEMPERATURE APPROVALS


**FPM (Fluorocarbon Rubber)**

		FPM 82A	82 ShA	-20 / +220 °C	ABCDEF G
		FPM 80A FDA	80 ShA	-20 / +220 °C	ABCDEF G
		FPM 85A	85 ShA	-20 / +210 °C	ABCDEF G
		FPM 85A ED	85 ShA	-20 / +220 °C	ABCDEF G
		FPM 85A LT	85 ShA	-40 / +200 °C	ABCDEF G
		FPM 73A SOFT	73 ShA	-20 / +210 °C	ABCDEF G
		FPM 80A FDA	80 ShA	-10 / +210 °C	ABCDEF G
		FPM 80A FDA	80 ShA	-17 / +200 °C	ABCDEF G
		FPM 80 MDx	80 ShA	-30 / +200 °C	ABCDEF G
		FEPM 83A	83 ShA	-5 / +200 °C	ABCDEF G
















**MVQ (Silicone Rubber)**

		MVQ 85A	85 ShA	-60 / +200 °C	ABCDEF G
		MVQ 85A FDA Natural	85 ShA	-60 / +200 °C	ABCDEF G
		MVQ 85A FDA	85 ShA	-60 / +200 °C	ABCDEF G

**Plastic**

		POM	81 ShD	-45 / +100°C	ABCDEF G
		PA6	79 ShD	-40 / +110°C	ABCDEF G
		UHMW-PE	61 ShD	-200 / +80°C	ABCDEF G
		PEEK	83 ShD	-40 / +260°C	ABCDEF G

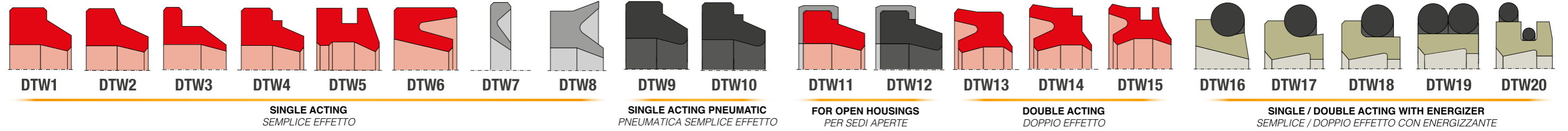
**PTFE (Polytetrafluoroethylene)**

		PTFE Virgin	55 ShD	-200 / +260°C	ABCDEF G
		PTFE TFM	57 ShD	-200 / +260°C	ABCDEF G
		PTFE Glass Fiber + MoS2	58 ShD	-200 / +260°C	ABCDEF G
		PTFE Glass Fiber 15%	58 ShD	-200 / +260°C	ABCDEF G
		PTFE Glass Fiber 25%	58 ShD	-200 / +260°C	ABCDEF G
		PTFE Bronze 40%	60 ShD	-200 / +260°C	ABCDEF G
		PTFE Bronze 60%	65 ShD	-200 / +260°C	ABCDEF G
		PTFE Graphite	60 ShD	-200 / +260°C	ABCDEF G
		PTFE Carbon	65 ShD	-200 / +260°C	ABCDEF G
		PTFE Carbographite	65 ShD	-200 / +260°C	ABCDEF G
		PTFE Carbon Fiber	58 ShD	-180 / +250°C	ABCDEF G
		PTFE Ekonol®	56 ShD	-200 / +260°C	ABCDEF G
		PTFE PEEK	60 ShD	-200 / +260°C	ABCDEF G
		PTFE Conductive	57 ShD	-200 / +260°C	ABCDEF G
		PTFE MoS2	57 ShD	-200 / +260°C	ABCDEF G

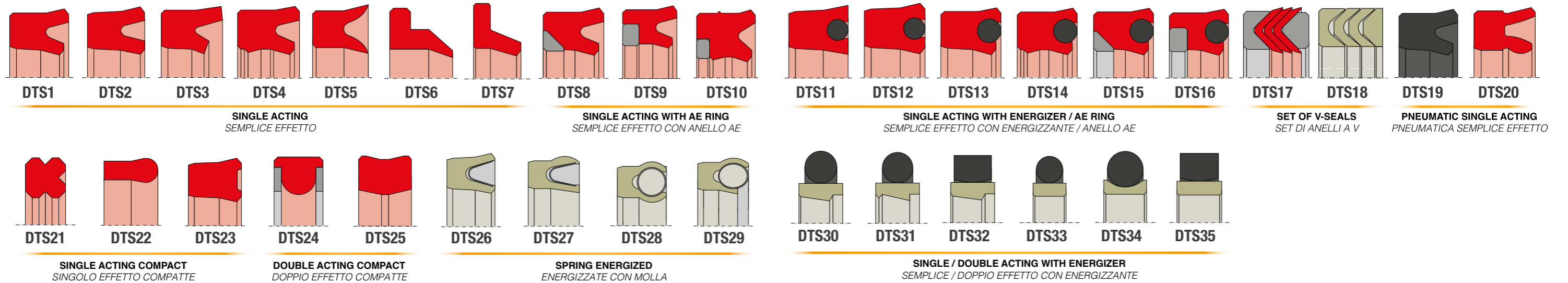
**Copolyester**

		TPC-ET 54D	54 ShD	-30 / +120°C	ABCDEF G
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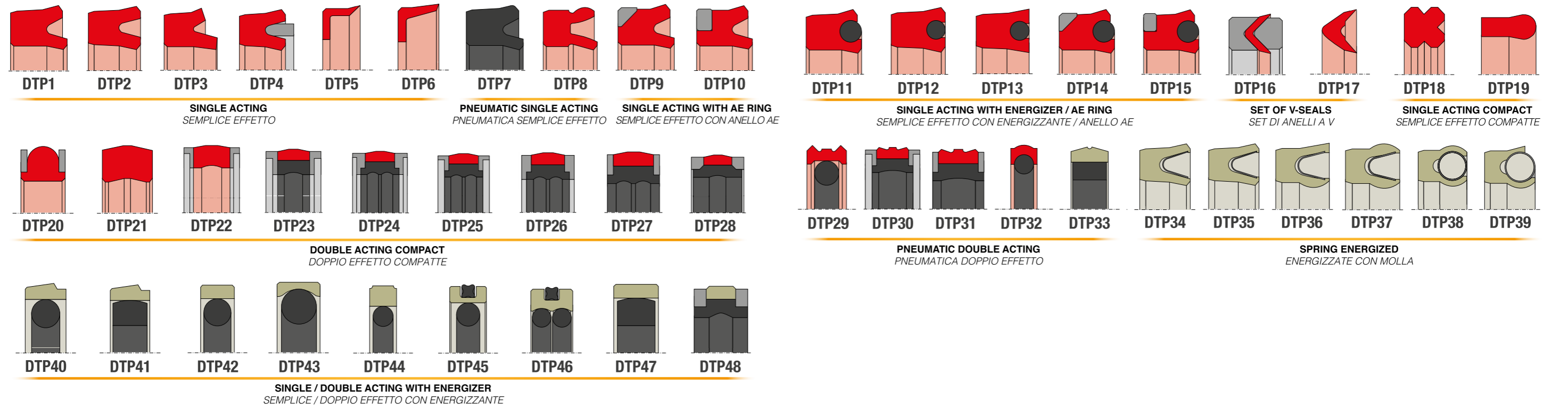
WIPER SEALS - RASCHIATORI



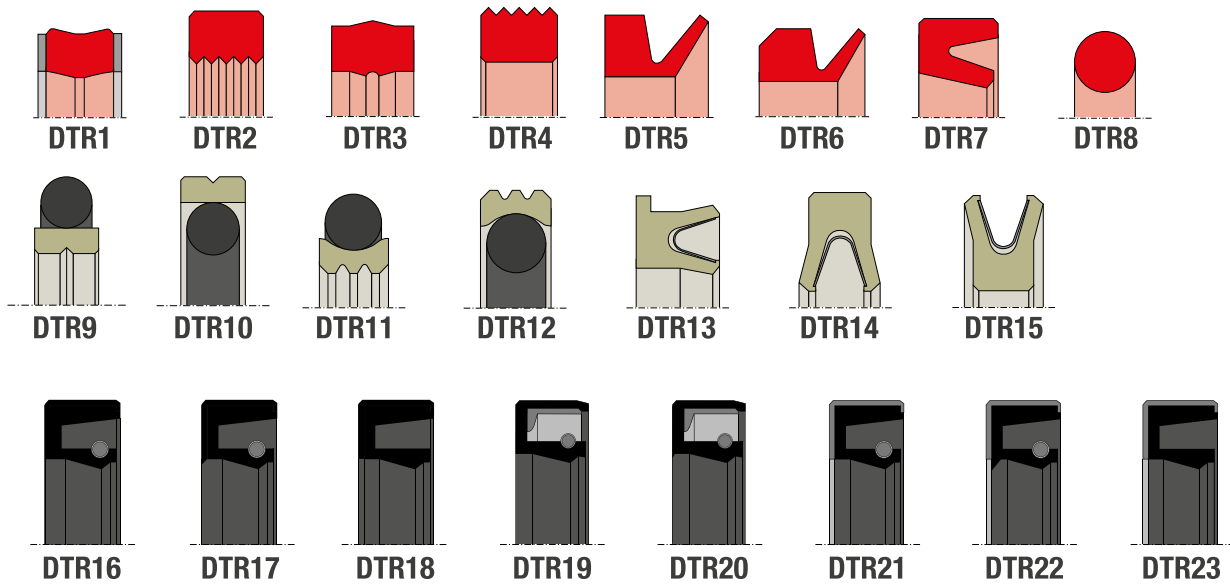
ROD SEALS - TENUTE STELO



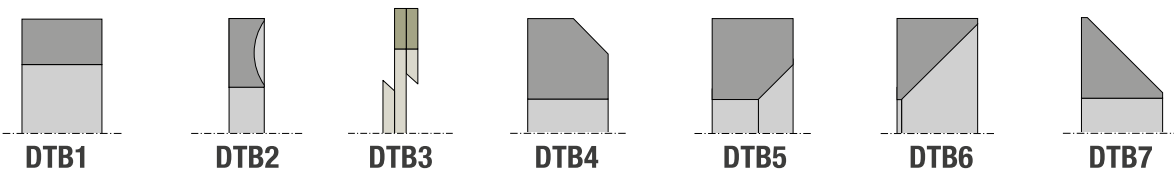
PISTON SEALS - TENUTE PISTONE



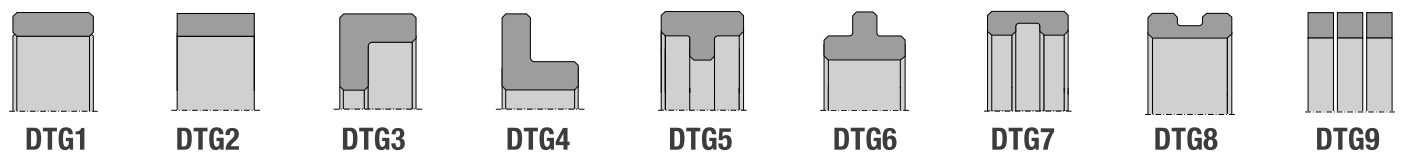
ROTARY SEALS - TENUTE ROTANTI



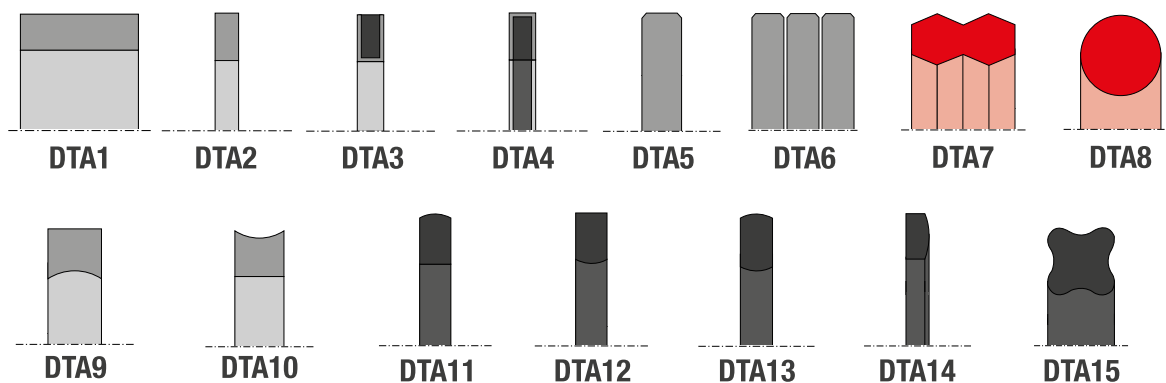
ANTI-EXTRUSION RINGS - ANELLI ANTI-ESTRUSIONE



GUIDE RINGS - ANELLI DI GUIDA



STATIC SEALS - TENUTE STATICHE





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