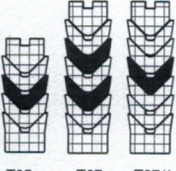
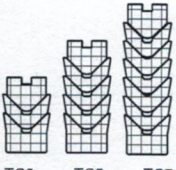
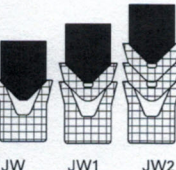
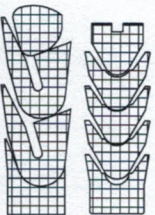
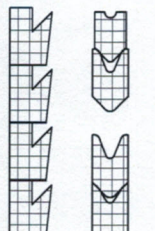



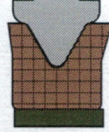
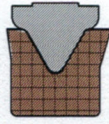

# VEE PACKINGS & CHEVRON "AUTOMATIC" SETS

PROFILE	DIMENSIONAL RANGE [MM]	MATERIALS	P [BAR]	T [°C]	S [M/S]	APPLICATIONS
 <p>T05 T07 T07/1 TO SERIES</p>	15÷300	NBR + fabric FKM + fabric HNBR + fabric  V-rings NBR 70 Shore A V-rings FKM 70 Shore A V-rings HNBR 70 Shore A	400	-30 ÷ 120 -10 ÷ 200 -30 ÷ 150  -30 ÷ 120 -10 ÷ 200 -30 ÷ 150	0,5	- Hydraulic cylinders - Injection moulding presses - Forging presses - Extruding presses
 <p>TG3 TG5 TG7 TG SERIES</p>	8÷2000 ENDLESS OR SPLIT	NBR + fabric FKM + fabric HNBR + fabric	400	-30 ÷ 120 -10 ÷ 200 -30 ÷ 150	0,5	- Hydraulic cylinders - Injection moulding presses - Forging presses - Extruding presses
 <p>JW JW1 JW2 JW SERIES</p>	8÷1200	NBR + fabric FKM + fabric  V-rings in NBR 70 Shore A V-rings in FKM 70 Shore A	600	-30 ÷ 120 -10 ÷ 200  -30 ÷ 120 -10 ÷ 200	0,5	- Hydraulic cylinders - Hydraulic presses - Hydraulic valves - Reciprocating pumps - Machine tools
 <p>TG40 TG60</p>	8÷1200 10÷300	NBR + fabric FKM + fabric	300 500	-30 ÷ 120 -10 ÷ 200	0,5	- Hydraulic cylinders presses - Machine tools - Heavy duty applications
 <p>BL SERIES W SERIES</p>	100÷2000 ENDLESS or SPLIT	NBR + fabric	600	-30 ÷ 120	0,5	- Hydraulic cylinders presses - Machine tools - Heavy duty applications


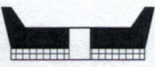

# COLLARS FOR RODS AND PISTONS

PROFILE	DIMENSIONAL RANGE [MM]	MATERIALS		P [BAR]	T [°C]	S [M/S]	APPLICATIONS
 TEOL/1	20÷600	Vulcanised Head ring		200	-30 ÷ 120 -10 ÷ 200	0,5	- Hydraulic cylinders - presses - Machine tools
 TEOL/1A		Supporting ring		250			
 TEOL/1/B		Anti-extrusion ring		200			
 TEOL/1/R				300			
 TEOL/2	200÷300	Seal ring	NBR + fabric FKM + fabric	250	-30 ÷ 120 -10 ÷ 200	0,5	- Hydraulic cylinders - presses - Machine tools
		Energising ring	NBR 70 Shore A FKM 70 Shore A				
 TEOL/8	200÷300	NBR + fabric NBR HD + fabric		400	-30 ÷ 120	0,5	- Hydraulic cylinders - presses - Heavy-duty applications
 TEOL/5	10÷200	NBR + fabric		250	-30 ÷ 120	0,5	- Hydraulic cylinders - presses - Machine tools
 UBP	10÷200	NBR + fabric		200	-30 ÷ 120	0,5	- Hydraulic cylinders - presses - Machine tools

## COLLARS FOR HIGH PRESSURE PUMPS

PROFILE	DIMENSIONAL RANGE [MM]	MATERIALS		P [BAR]	T [°C]	S [M/S]	APPLICATIONS
 VM	10÷100	NBR + fabric NBR + Hard fabric FKM + fabric HNBR + fabric		400	-30 ÷ 120 -30 ÷ 120 -10 ÷ 200 -30 ÷ 150	2,0	- Plunger pumps - Piston pumps - Metering pumps - Pumps for high pressure cleaners - Pumps for homogenisers
 PW1	20÷50	Back-up ring U - ring Head ring	PTFE + bronze NBR + hard fabric Polyacetal or NBR	250	MAX 80	2,0	- Plunger pumps - Piston pumps - Metering pumps - Pumps for high pressure cleaners - Pumps for homogenisers
 PW2	20÷35	U-ring Head ring	NBR + hard fabric Polyacetal or NBR 90 Shore A	80	MAX 80	2,0	- Plunger pumps - Piston pumps - Metering pumps - Pumps for high pressure cleaners - Pumps for homogenisers
 PW	20÷50	NBR + hard fabric		80	MAX 80	2,0	- Plunger pumps - Piston pumps - Metering pumps - Pumps for high pressure cleaners - Pumps for homogenisers

## COLLARS FOR SPECIAL APPLICATIONS

PROFILE	DIMENSIONAL RANGE [MM]	MATERIALS		P [BAR]	T [°C]	S [M/S]	APPLICATIONS
 JWG	100÷1500	NBR + fabric		400	-30 ÷ 120	0,5	- Hydraulic cylinders presses - Machine tools
 GYA	10÷350	NBR + fabric FKM + fabric		20	-30 ÷ 120	0,5	- Hydraulic cylinders presses - Machine tools
 D-SEAL	100÷1800	Seal ring Supporting ring	NBR NBR + fabric	200	-30 ÷ 120	0,5	- Hydraulic cylinders presses - Machine tools

# MATERIALS

## RUBBER

MATERIAL	PROPERTIES	APPLICATION
OLEOLITE® NBR ACRYLONITRILE BUTADIENE RUBBER	<ul style="list-style-type: none"> <li>- optimal mechanical resistance</li> <li>- resistance to wear</li> <li>- bad performance with heat</li> <li>- low resistance to fuels</li> <li>- low resistance to ageing</li> </ul>	Resistance to temp. -30 + 120 C° <ul style="list-style-type: none"> <li>- Hydraulic oil, grease, emulsions, water</li> <li>- Mineral base fluids HH,HL, HM,HV</li> <li>- Fire-resistant fluids HFA,HFB,HFC</li> </ul>
FKM FLUORINATED RUBBER	<ul style="list-style-type: none"> <li>- optimal resistance to high and low temperatures</li> <li>- good chemical resistance</li> <li>- bad performance with steam</li> </ul>	Resistance to temp. -10 + 200 C° <ul style="list-style-type: none"> <li>- Hydraulic oil, grease, emulsions, water</li> <li>- Mineral base fluids HH,HL, HM,HV</li> <li>- Fire-resistant fluids HFA,HFB,HFC ,HFD</li> </ul>

## PTFE

MATERIAL	PROPERTIES	APPLICATION
VIRGIN PTFE POLYTETRAFLUOROETHYLENE	<ul style="list-style-type: none"> <li>- low friction coefficient</li> <li>- optimal resistance to chemical agents and solvents</li> <li>- optimal dielectric properties</li> <li>- optimal resistance to temperature</li> <li>- FDA approval</li> <li>- low wear resistance</li> <li>- low recovery</li> </ul>	<ul style="list-style-type: none"> <li>- Hydraulic oil, emulsions, water.</li> <li>- Mineral base fluids: HH,HL, HM,HV</li> <li>- Fire-resistant fluids HFA,HFB,HFC, HFD.</li> </ul>
SPECIAL PTFE MATERIALS		
PTFE FILLED WITH GLASS	<ul style="list-style-type: none"> <li>- optimal resistance to wear and optimal anti-extrusion properties</li> <li>- FDA approval</li> </ul>	<ul style="list-style-type: none"> <li>- Hydraulic oil, grease, emulsions, water.</li> <li>- Mineral base fluids: HH,HL, HM,HV</li> <li>- Fire-resistant fluids HFA,HFB,HFC, HFD.</li> </ul>
PTFE FILLED WITH CARBON	<ul style="list-style-type: none"> <li>- optimal resistance to wear and distortion</li> <li>- bad dielectric properties</li> </ul>	<ul style="list-style-type: none"> <li>- hydraulic oil, grease, emulsions, water.</li> <li>- Mineral base fluids: HH,HL, HM,HV</li> <li>- Fire-resistant fluids HFA,HFB,HFC, HFD.</li> </ul>
PTFE FILLED WITH GRAPHITE	<ul style="list-style-type: none"> <li>- low friction coefficient</li> <li>- optimal heat dispersion properties</li> <li>- good performances in applications with steam</li> </ul>	<ul style="list-style-type: none"> <li>- hydraulic oil, grease, emulsions, water.</li> <li>- Mineral base fluids: HH,HL, HM,HV</li> <li>- Fire-resistant fluids HFA,HFB,HFC, HFD.</li> </ul>
PTFE FILLED WITH BRONZE	<ul style="list-style-type: none"> <li>- optimal resistance to wear and distortion</li> <li>- good thermal conductivity</li> <li>- bad dielectric properties</li> <li>- good resistance to chemical agents</li> </ul>	<ul style="list-style-type: none"> <li>- hydraulic oil, grease, emulsions, water.</li> <li>- Mineral base fluids: HH,HL, HM,HV</li> <li>- Fire-resistant fluids HFA,HFB,HFC, HFD.</li> </ul>
PTFE FILLED WITH BRONZE/MoS2	<ul style="list-style-type: none"> <li>- optimal resistance to wear and optimal anti-extrusion properties</li> <li>- resistance to high pressure</li> </ul>	<ul style="list-style-type: none"> <li>- hydraulic oil, grease, emulsions, water.</li> <li>- Mineral base fluids: HH,HL, HM,HV</li> <li>- Fire-resistant fluids HFA,HFB,HFC, HFD.</li> </ul>

## RUBBER FABRIC

MATERIAL	BASE COMPOSITION	APPLICATIONS
TENAX	Cotton fabric / NBR sh 75 colour black	<b>Max Temperature 120 °C</b> For hydraulic oil , water emulsions fluids HFA ,HFB, HFC
TENAX - HD	Cotton fabric / NBR shore 90 - Colour black, brown , blue - FDA approval available - Special version for heavy-duty applications	<b>Max Temperature 120 °C</b> For hydraulic oil , water emulsions fluids HFA ,HFB, HFC
TENAX FKM	Cotton fabric / FKM shore 75 Colour black	<b>Max Temperature 180 °C</b> Hot oil , low pressure steam , acids , alkali, solvents , phosphoric esters , fluids HFA ,HFB, HFC,HFD
TENAX FKM/KEVLAR®	Kevlar ® Aramidic fabric/ FKM shore 75 Colour black	<b>Max Temperature 200 °C</b> Special version for heavy-duty applications
TENAX HNBR	Cotton fabric / HNBR sh 75 Colour black	<b>Max Temperature 150 °C</b> Special version for heavy-duty applications
TENAX VMQ	Cotton fabric / silicone VMQ shore 75 Colour red	<b>Temperature max 180 °C</b>
TENAX PTFE	Cotton fabric / NBR sh 75 Colour white (NBR with PTFE content)	<b>Temperature max 120 °C</b>