






Hydraulic seals for high pressure







TO - TG Packing seals

TO and TG packing seals are composed of lip rings made of cotton fabric reinforced elastomer. TO and TG packing seals are suitable for reciprocating movements and can be fitted on rods as well as on pistons. They are available in a variety that covers all applications from light duty to the heaviest working conditions.

	ENERGISING RING: cotton fabric reinforced rubber, hard rubber or POM; its function is to ensure a uniform pre-load to the seal.
	ENERGISING RING: special compound with resins to obtain a great resistance.
	INTERMEDIATE RING: cotton fabric reinforced rubber; the sealing ring.
	INTERMEDIATE RING: rubber; for application with low pressure and continuous vibrations.
	SUPPORT RING: cotton fabric reinforced rubber; its function is to support the entire series, it also has an optimal extrusion resistance.





TO Series

Pressure: up to 40 [MPa]
 Speed: up to 0,5 [m/s]
 Temperature: up to 200 [°C] depending on the elastomer

Type	TO 3	TO 5	TO 6	TO 7	TO 7/1	TO 7/0
COMPOSITION (for piston max. 4 elements)						
ENERGISING RING	1	1	1	1	1	1
FABRIC RUBBER INTERMEDIATE RING	1	2	3	3	4	5
RUBBER INTERMEDIATE RINGS	-	1	1	2	1	-
SUPPORT RING	1	1	1	1	1	1

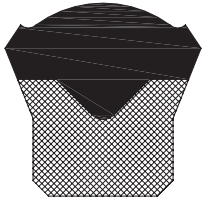
TG Series

Pressure: up to 40 [MPa]
 Speed: up to 0,5 [m/s]
 Temperature: up to 200 [°C] depending on the elastomer

Type	TG 4	TG 5	TG 6	TG 7
COMPOSITION (for piston max. 4 elements)				
ENERGISING RING	1	1	1	1
FABRIC RUBBER INTERMEDIATE RINGS	2	3	4	5
SUPPORT RING	1	1	1	1

Hydraulic seals for medium high pressure

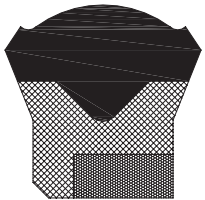
TEOL Packing seals



S8

Rod seal manufactured as an integral element, vulcanising a NBR sealing element on a reinforced cotton fabric base. Compact seal, even for standard housings according to ISO 5597

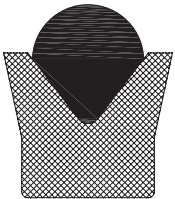
Pressure: up to 20 [MPa]
Speed: up to 0,5 [m/s]



S24

Similar to TEOL/1 with an anti extrusion synthetic resin ring

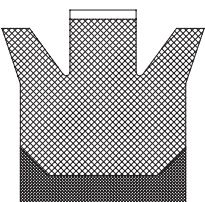
Pressure: up to 20 [MPa]
Speed: up to 0,5 [m/s]



G10

Rod seal manufactured as an integral element by vulcanising together cotton fabric and NBR. Excellent resistance to wear and low friction

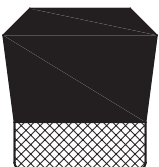
Pressure: up to 20 [MPa]
Speed: up to 0,5 [m/s]



G18

Two parts rod seal: lip sealing part in fabric reinforced rubber and support part moulded in a special rigid fabric. Suitable in cases where hydraulic equipment is subjected to severe vibrations, shock and high pressure

Pressure: up to 40 [MPa]
Speed: up to 0,5 [m/s]



1/B

Rod seal manufactured as an integral element by vulcanising together cotton fabric and NBR

Pressure: up to 20 [MPa]
Speed: up to 0,5 [m/s]

