



# **Raschiatori pneumatici GWR ASR**

## Pneumatic wipers GWR ASR





QUANDO  
TENERCI VUOL  
DIRE CRESCERE.  
PER SUPERARE  
NOI STESSI.

**OIL & GAS**

**MECCANICA**  
MECHANICS

**FOOD & BEVERAGE**

**FARMACEUTICA**  
PHARMACEUTICAL

**CHIMICA**  
CPI

**PLASTICA**  
PLASTIC

**LAVORAZIONE CARTA**  
PAPER MILL

**LAVORAZIONE PELLI**  
LEATHER PROCESSING

**LAVORAZIONE LEGNO**  
WOOD PROCESSING

**MOVIMENTAZIONE TERRA**  
EARTH MOVING

**MOVIMENTAZIONE CARICHI**  
MATERIAL HANDLING EQUIPMENT

**SISTEMI DI TENUTA**  
**FLUID CONNECTORS**  
**OLEODINAMICA**

**SEALING SOLUTIONS**  
**FLUID CONNECTORS**  
**HYDRAULICS**



## I NOSTRI SERVIZI OUR SERVICES



**CONSULENZA E ASSISTENZA TECNICA**  
CONSULTANCY AND TECHNICAL ASSISTANCE



**MILIONI DI PRODOTTI A MAGAZZINO**  
MILLIONS OF PRODUCTS IN STOCK



**LOGISTICA INTEGRATA E KANBAN**  
INTEGRATED LOGISTICS AND KANBAN



**CONTROLLO QUALITÀ IN ENTRATA E IN USCITA**  
INBOUND AND OUTBOUND QUALITY CONTROL



**PROGETTAZIONE E PRODUZIONE A DISEGNO DI GUARNIZIONI**  
DESIGN AND CUSTOMIZED SEALS PRODUCTION



**ETICHETTE PERSONALIZZATE E QR CODE**  
CUSTOMIZED LABELS AND QR CODES



**ORDINI WEB**  
WEB ORDERS



**RILEVAZIONE CAMPIONI E KIT DEL CLIENTE**  
ARTICLE DETECTION AND KIT ASSEMBLY

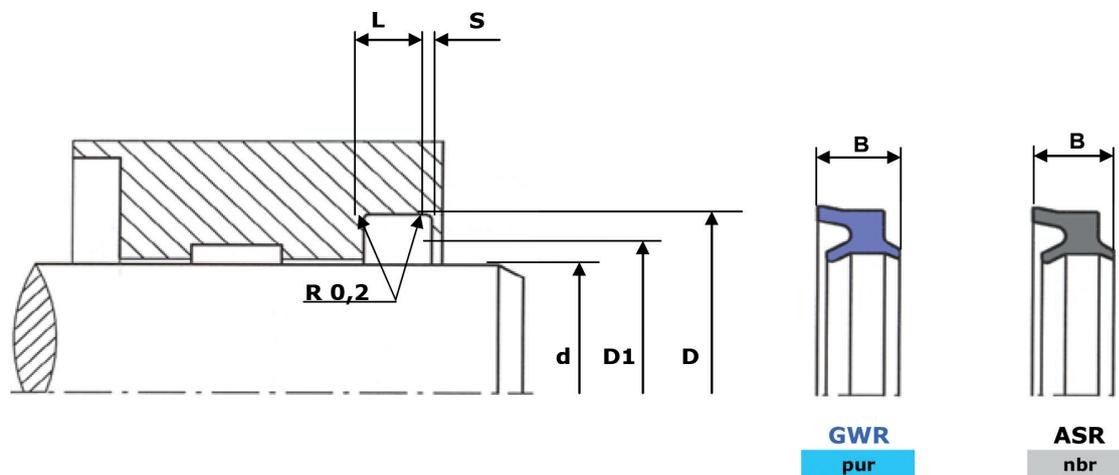


**ASSEMBLAGGIO E COLLAUDO TUBI E RACCORDI**  
ASSEMBLY AND TESTING OF HOSES AND FITTINGS



**EVENTI FORMATIVI**  
TRAINING EVENTS

## GWR ASP Raschiatore stelo bidirezionale | GWR ASP two-side wipers



Raschiatore bidirezionale per pneumatica.

Wiper for two-side rods in pneumatic applications.

### CARATTERISTICHE PRINCIPALI | MAIN FEATURES

Gli elementi di tenuta tipo GWR e ASR sono ottenuti dalla combinazione di una guarnizione a labbro con un raschiatore.

Tale profilo richiede perciò un'unica sede e non due separate come nella combinazione tradizionale tenuta e raschiatore.

GWR è in PUR standard a 90° Sh mentre ASR è in NBR, su richiesta può essere realizzato in FPM.

*GWR and ASR seals combine a lip-seal gasket with a wiper thus requiring only one groove, not two as in traditional combinations of seals and wipers.*

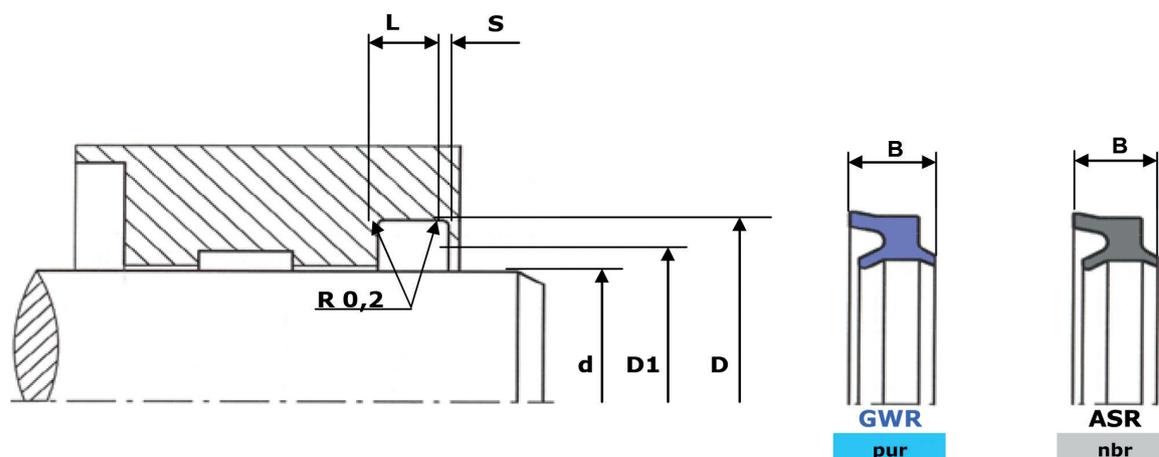
*Material: GWR comes in PUR standard 90° Sh and ASR comes in NBR, also available in FPM.*

### DATI TECNICI | TECHNICAL DATA

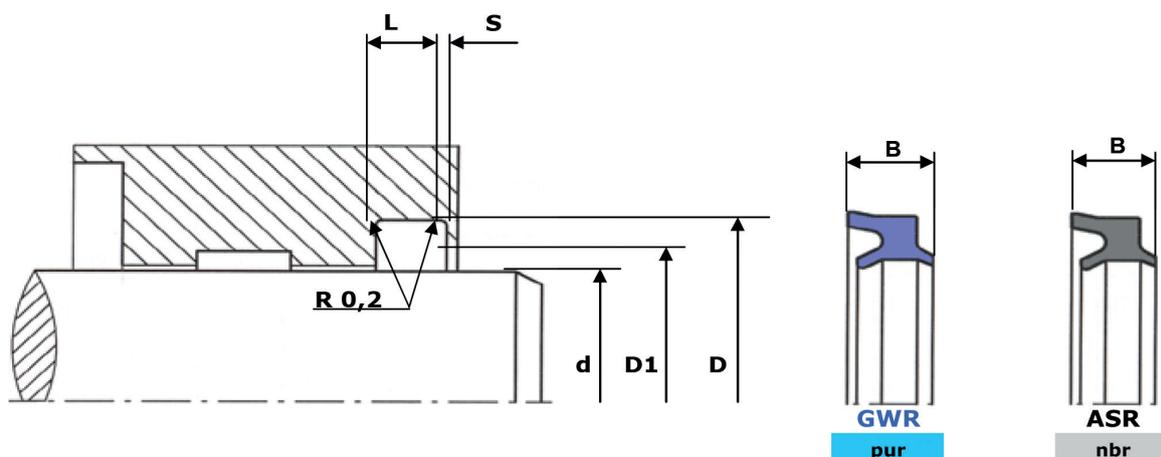
Tipo GWR ASR Type GWR ASR	Pres max Max pres bar	Alternativo max Max Alternate m/sec	Durezza Hardness °Sh A	Temperatura °C Temperature °C
PUR	< 20	< 1	90 (standard)	-30 +90
PUR	< 20	< 1	85 (richiesta)	-30 +90
NBR	< 20	< 1	80	-30 +110
FPM	< 16	< 1	75	-30 +200

### RUGOSITÀ SUPERFICIALE | SURFACE ROUGHNESS

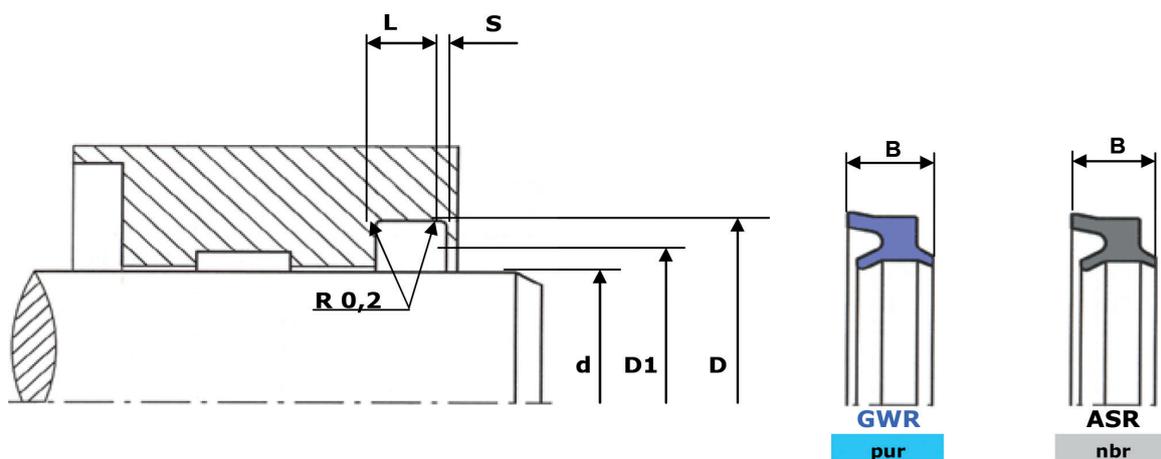
Parametro Parameter	Superficie di scorrimento Guiding surface	Superficie della sede Groove surface
Rmax	1.00 - 4.00	< 10.0
Rz DIN	0.63 - 2.50	< 6.3
Ra	0.10 - 0.40	< 1.6



Codice Code	Descrizione Description	d	D	L	D1	B	S
		f9	H10				
105GWR003	RASC. GWR 3- 8.8- 4.5/5.2 PUR	3	8.8	4.5	5.0	5.2	1.2
105GWR0041	RASC. GWR 4- 8.8- 4.5/5.2 PUR	4	8.8	4.5	6.0	5.2	1.2
105GWR004	RASC. GWR 4- 7.0- 2.7/2.8 PUR	4	7.0	2.7	5.4	2.8	1.0
105GWR0050	RASC. GWR 5- 8.0- 2.7/2.8 PUR	5	8.0	2.7	6.2	2.8	1.0
105GWR0060	RASC. GWR 6- 9.0- 2.7/2.8 PUR	6	9.0	2.7	7.2	2.8	1.0
105GWR00601	RASC. GWR 6- 10.8- 4.5/5.2 PUR	6	10.8	4.5	8.0	5.2	1.2
105GWR0080	RASC. GWR 8- 11.5- 3.0/3.2 PUR	8	11.5	3.0	9.2	3.2	1.0
105GWR00801	RASC. GWR 8- 12.8- 4.5/5.2 PUR	8	12.8	4.5	10.0	5.2	1.2
105GWR00802	RASC. GWR 8- 14.0- 4.5/5.2 PUR	8	14.0	4.5	11.0	5.2	1.2
105GWR0100	RASC. GWR 10- 14.0- 3.2/3.7 PUR	10	14.0	3.2	11.4	3.7	1.0
105GWR01001	RASC. GWR 10- 16.0- 4.0/4.6 PUR	10	16.0	4.0	12.5	4.6	1.0
105GWR01002	RASC. GWR 10- 16.8- 4.5/5.2 PUR	10	16.8	4.5	13.0	5.2	1.2
105GWR01003	RASC. GWR 10- 18.0- 5.0/6.0 PUR	10	18.0	5.0	14.0	6.0	1.6
105GWR0120	RASC. GWR 12- 16.5- 3.7/4.0 PUR	12	16.5	3.7	13.7	4.0	1.2
105GWR01201	RASC. GWR 12- 18.0- 4.0/4.8 PUR	12	18.0	4.0	14.5	4.8	1.2
105GWR01202	RASC. GWR 12- 20.0- 3.7/4.0 PUR	12	20.0	3.7	16.0	4.0	1.6
105GWR01203	RASC. GWR 12- 20.0- 5.0/6.0 PUR	12	20.0	5.0	16.0	6.0	1.6
105GWR01204	RASC. GWR 12- 20.0- 5.5/6.5 PUR	12	20.0	5.5	16.0	6.5	1.6
105GWR01205	RASC. GWR 12- 22.0- 6.0/6.5 PUR	12	22.0	6.0	16.0	6.5	1.5
105GWR01206	RASC. GWR 12- 22.0- 7.0/7.5 PUR	12	22.0	7.0	16.0	7.5	1.5
105GWR0140	RASC. GWR 14- 18.5- 3.7/4.0 PUR	14	18.5	3.7	15.7	4.0	1.2
105GWR01401	RASC. GWR 14- 20.0- 4.0/4.8 PUR	14	20.0	4.0	16.5	4.8	1.2
105GWR01402	RASC. GWR 14- 22.0- 5.0/6.0 PUR	14	22.0	5.0	18.0	6.0	1.5
105GWR01403	RASC. GWR 14- 24.0- 6.0/6.5 PUR	14	24.0	6.0	18.0	6.5	1.5
105GWR0150	RASC. GWR 15- 22.0- 4.0/5.0 PUR	15	22.0	4.0	18.0	5.0	1.5
105GWR01501	RASC. GWR 15- 25.0- 5.5/6.5 PUR	15	25.0	5.5	19.0	6.5	1.5
105GWR0160	RASC. GWR 16- 20.5- 3.7/4.0 PUR	16	20.5	3.7	17.7	4.0	1.2
105GWR01601	RASC. GWR 16- 22.0- 4.0/5.0 PUR	16	22.0	4.0	18.5	5.0	1.2
105GWR01602	RASC. GWR 16- 24.0- 5.0/6.0 PUR	16	24.0	5.0	18.5	6.0	1.5
105GWR01603	RASC. GWR 16- 26.0- 6.0/6.5 PUR	16	26.0	6.0	20.0	6.5	1.5
105GWR0180	RASC. GWR 18- 22.5- 3.7/4.0 PUR	18	22.5	3.7	19.7	4.0	1.2
105GWR01801	RASC. GWR 18- 24.0- 4.0/5.0 PUR	18	24.0	4.0	20.5	5.0	1.4
105GWR01802	RASC. GWR 18- 26.0- 5.0/6.0 PUR	18	26.0	5.0	21.0	6.0	1.6
105GWR01803	RASC. GWR 18- 28.0- 6.0/6.5 PUR	18	28.0	6.0	22.0	6.5	1.5
105GWR0200	RASC. GWR 20- 25.0- 4.0/4.6 PUR	20	25.0	4.0	21.9	4.6	1.2
105GWR02001	RASC. GWR 20- 26.0- 4.0/4.8 PUR	20	26.0	4.0	22.5	4.8	1.2
105GWR02002	RASC. GWR 20- 30.0- 7.0/7.5 PUR	20	30.0	7.0	24.0	7.5	1.5
105GWR0220	RASC. GWR 22- 27.0- 4.0/4.6 PUR	22	27.0	4.0	23.9	4.6	1.2
105GWR02201	RASC. GWR 22- 28.0- 4.0/5.0 PUR	22	28.0	4.0	24.5	5.0	1.4
105GWR02002	RASC. GWR 22- 32.0- 7.0/7.5 PUR	22	32.0	7.0	26.0	7.5	1.5
105GWR0250	RASC. GWR 25- 30.0- 4.0/4.6 PUR	25	30.0	4.0	26.9	4.6	1.2
105GWR02501	RASC. GWR 25- 31.0- 4.0/4.8 PUR	25	31.0	4.0	27.5	4.8	1.2



Codice Code	Descrizione Description	d	D	L	D1	B	S
		f9	H10	+0.2			
105GWR02502	RASC. GWR 25- 35.0- 7.0/7.5 PUR	25	35.0	7.0	29.0	7.5	1.5
105GWR0280	RASC. GWR 28- 38.0- 7.0/7.5 PUR	28	38.0	7.0	32.0	7.5	1.5
105GWR0300	RASC. GWR 30- 35.5- 4.6/5.0 PUR	30	35.5	4.6	32.1	5.0	1.2
105GWR03001	RASC. GWR 30- 38.0- 5.0/5.8 PUR	30	38.0	5.0	33.0	5.8	1.5
105GWR03002	RASC. GWR 30- 40.0- 7.0/7.5 PUR	30	40.0	7.0	34.0	7.5	1.5
105GWR0320	RASC. GWR 32- 37.5- 4.6/5.0 PUR	32	37.5	4.6	34.1	5.0	1.2
105GWR03201	RASC. GWR 32- 40.0- 5.0/5.8 PUR	32	40.0	5.0	35.0	5.8	1.3
105GWR03202	RASC. GWR 32- 42.0- 7.0/7.5 PUR	32	42.0	7.0	36.0	7.5	1.5
105GWR0350	RASC. GWR 35- 40.5- 5.0/5.8 PUR	35	40.5	5.0	38.0	5.8	1.3
105GWR03501	RASC. GWR 35- 45.0- 7.0/7.5 PUR	35	45.0	7.0	39.0	7.5	1.5
105GWR0360	RASC. GWR 36- 44.0- 5.0/6.0 PUR	36	44.0	5.0	39.0	6.0	1.3
105GWR03601	RASC. GWR 36- 46.0- 7.0/7.5 PUR	36	46.0	7.0	40.0	7.5	1.5
105GWR0400	RASC. GWR 40- 46.0- 4.9/5.5 PUR	40	46.0	4.9	42.2	5.5	1.4
105GWR04001	RASC. GWR 40- 50.0- 7.0/7.5 PUR	40	50.0	7.0	44.0	7.5	1.5
105GWR0450	RASC. GWR 45- 51.0- 4.9/5.5 PUR	45	51.0	4.9	48.0	5.5	1.4
105GWR04501	RASC. GWR 45- 53.0- 5.0/6.0 PUR	45	53.0	5.0	48.0	6.0	1.3
105GWR04502	RASC. GWR 45- 55.0- 7.0/7.5 PUR	45	55.0	7.0	49.0	7.5	1.5
105GWR0500	RASC. GWR 50- 56.0- 4.9/5.5 PUR	50	56.0	4.9	55.0	5.5	1.5
105GWR05001	RASC. GWR 50- 62.0- 8.5/9.0 PUR	50	62.0	8.5	55.0	9.0	1.5
105GWR0630	RASC. GWR 63- 69.5- 5.4/6.0 PUR	63	69.5	5.4	67.0	6.0	1.5
105GWR0700	RASC. GWR 70- 80.0- 6.0/7.0 PUR	70	80.0	6.0	75.0	7.0	1.5



Codice Code	Descrizione Description	d	D	L	D1
		f9	H10		
041ASR3458	ASR 3458	8.0	14.0	4.5	11.0
041ASR44510	ASR 44510	10.0	18.0	5.0	14.0
041ASR5610	ASR 5610	10.0	20.0	5.5	15.0
041ASR44512	ASR 44512	12.0	20.0	5.0	16.0
041ASR5612	ASR 5612	12.0	22.0	5.5	17.0
041ASR5712	ASR 5712	12.0	22.0	7.0	17.0
041ASR44514	ASR 44514	14.0	22.0	5.0	18.0
041ASR5614	ASR 5614	14.0	24.0	5.5	19.0
041ASR5615	ASR 5615	15.0	25.0	5.5	20.0
041ASR44516	ASR 44516	16.0	24.0	5.0	20.0
041ASR5616	ASR 5616	16.0	26.0	5.5	21.0
041ASR44518	ASR 44518	18.0	20.0	5.0	19.0
041ASR5618	ASR 5618	18.0	28.0	5.5	23.0
041ASR5720	ASR 5720	20.0	30.0	7.0	25.0
041ASR5722	ASR 5722	22.0	32.0	7.0	27.0
041ASR5725	ASR 5725	25.0	35.0	7.0	30.0
041ASR5728	ASR 5728	28.0	38.0	7.0	33.0
041ASR5730	ASR 5730	30.0	40.0	7.0	35.0
041ASR5732	ASR 5732	32.0	42.0	7.0	37.0
041ASR5735	ASR 5735	35.0	45.0	7.0	40.0
041ASR5736	ASR 5736	36.0	46.0	7.0	41.0
041ASR5740	ASR 5740	40.0	50.0	7.0	45.0
041ASR5745	ASR 5745	45.0	55.0	7.0	50.0
041ASR68550	ASR 68550	50.0	62.0	8.5	56.0

## **FRIDLE**

### **VICENZA**

Via G. Galilei, 53 - 36030 Costabissara (VI) - Italy  
T. +39 0444 971856 - info@fridle.com

### **BRESCIA**

Via A. Maestri, 14 - 25125 Brescia (BS) - Italy  
T. +39 030 6700301 - fridleBS@fridle.com

### **MANTOVA**

Via Sabin, 12/a - 46029 Suzzara (MN) - Italy  
T. +39 0376 274885 - fridleMN@fridle.com

### **MODENA**

Via del Crociale, 34 - 41042 Fiorano Modenese (MO) - Italy  
T. +39 0536 1795600 - fridleMO@fridle.com

### **TORINO**

Strada Torino, 43 - 10043 Orbassano (TO) - Italy  
T. +39 011 3170052 - fridleTO@fridle.com

Richieste d'offerta: [richieste@fridle.com](mailto:richieste@fridle.com)  
Requests for quotation: [enquiries@fridle.com](mailto:enquiries@fridle.com)  
Ordini: [ordini@fridle.com](mailto:ordini@fridle.com)  
Orders: [orders@fridle.com](mailto:orders@fridle.com)

## **HT**

Via Galvani, 10 - 36010 Zanè (VI) - Italy  
T.+39 0445 540632 - info@ht-hydraulic.com  
[ht-hydraulic.com](http://ht-hydraulic.com)

## **FRIDLE ACADEMY**

Via G. Galilei, 53 - 36030 Costabissara (VI) - Italy  
T. +39 0444 971856  
Segreteria didattica - [frgacademy@fridle.com](mailto:frgacademy@fridle.com)





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