



Tenute pneumatiche DE-DEM Pneumatic seals DE-DEM





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

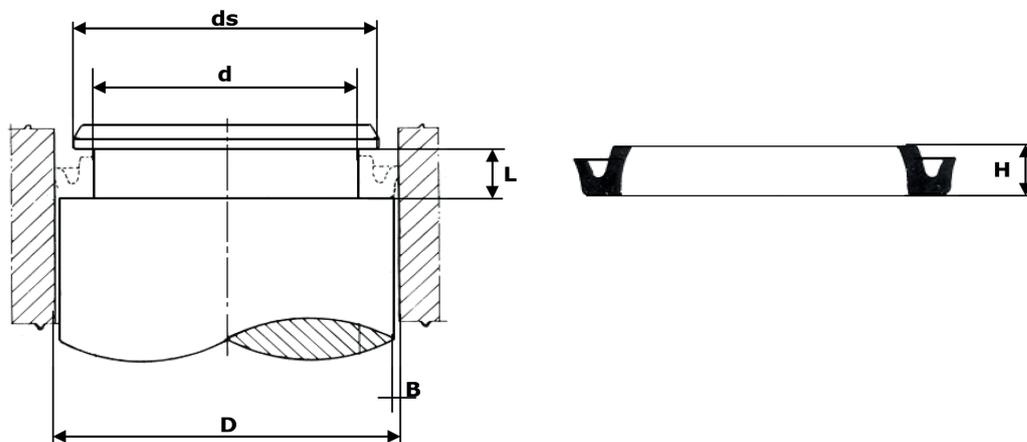


ASSEMBLAGGIO E COLLAUDO TUBI E RACCORDI
ASSEMBLY AND TESTING OF HOSES AND FITTINGS



EVENTI FORMATIVI
TRAINING EVENTS

DE-DEM tenuta pistone semplice effetto DE-DEM single acting piston seal



Tenuta elastomerica a semplice effetto per pistone.

Single acting elastomeric seal for pistons.

CARATTERISTICHE PRINCIPALI | MAIN FEATURES

Guarnizione a labbro in elastomero a semplice effetto per pistoni idraulici e pneumatici. Ottima resistenza agli oli minerali e idraulici, buona resistenza meccanica all'usura. Standard viene fornita in NBR 75°Sh, su richiesta può essere realizzata in Viton.

Single-acting elastomeric lip seal for hydraulic and pneumatic pistons. Excellent resistance to mineral or hydraulic oils. Good resistance to mechanical wear and tear. Standard model NBR 75°Sh, also available in Viton.

DATI TECNICI | TECHNICAL DATA

Tipo Type	Pres max Max pres bar	Alternativo max Max alternate m/sec	Durezza Hardness ° Sh A	Temperatura °C Temperature °C	
				NBR	FPM
DE	80	≤ 0.2	75	-20 +100	-20 +200
DI	100	≤ 0.2	90	-20 +100	-20 +200
U-UM	100	≤ 0.2	90	-20 +100	-20 +200
C	40	≤ 0.2	90	-20 +100	-20 +200
H	40	≤ 0.2	90	-20 +100	-20 +200

RUGOSITÀ SUPERFICIALE | SURFACE ROUGHNESS

Parametro Parameter	Superficie di scorrimento Guiding surface	Superficie della sede Groove surface
Rmax	≤ 2.0	≤ 10
Ra	≤ 0.4	≤ 10

DIMENSIONE DELL'INTERSTIZIO IN FUNZIONE DELLA PRESSIONE | GAP DIMENSIONS VS. PRESSURE

B (D-d)/2	Pressione bar Pressure bar		
	25	50	80
≤ 5	0.45	0.30	0.25
≥ 5	0.50	0.35	0.30

Codice Code	Descrizione Description	D	d	L	H	ds
030DE0037	DE 037	9.50	3.17	5.50	3.96	5.50
030DE0043	DE 043	11.10	4.76	5.50	3.96	7.00
030DE0050	DE 050	13.00	6.70	6.30	4.76	9.00
030DE0056	DE 056	14.00	7.70	6.30	4.76	10.00
030DE0062	DE 062	16.00	8.10	7.00	5.55	11.50
030DE0068	DE 068	17.50	12.60	5.00	3.17	14.00
030DE0075	DE 075	19.05	12.70	5.00	3.17	15.00
030DE0075037	DE 075037	19.05	9.52	7.14	6.35	12.00
030DE0081	DE 081	21.00	14.70	8.00	6.35	17.00
030DE0081043	DE 081043	21.00	11.10	7.14	6.35	13.50
030DE0087	DE 087	22.00	12.50	8.00	6.35	16.50
030DE0093	DE 093	24.00	14.50	8.00	6.35	18.50
030DE0100	DE 100	26.00	16.50	8.00	6.35	21.00
030DE0106	DE 106	27.00	17.50	8.00	6.35	22.00
030DE0112	DE 112	29.00	19.05	8.00	6.35	21.00
030DE0112062	DE 112062	28.57	15.87	9.52	7.92	21.00
030DE0118	DE 118	30.15	20.50	8.00	6.35	25.00
030DE0118068	DE 118068	30.15	17.45	9.52	7.92	22.00
030DE0125	DE 125	31.75	19.30	8.00	6.35	25.50
030DE0125075	DE 125075	31.75	19.05	9.52	7.92	25.60
030DE0131	DE 131	34.00	15.00	11.00	9.52	24.00
030DE0137	DE 137	34.92	22.30	8.00	6.35	28.00
030DE0137087	DE 137087	34.92	22.22	9.52	7.92	27.90
030DE0143	DE 143	36.50	26.00	8.00	6.35	31.00
030DE0143093	DE 143093	36.50	23.80	9.52	7.92	29.00
030DE0150	DE 150	38.10	30.00	8.00	6.35	34.00
030DE0150100	DE 150100	38.10	25.40	9.52	7.92	29.50
030DE0156	DE 156	40.00	27.30	8.00	6.35	33.00
030DE0162	DE 162	41.27	30.90	8.00	6.35	36.00
030DE0162100	DE 162100	41.27	25.40	11.10	9.52	30.50
030DE0168	DE 168	43.00	30.30	11.00	9.52	36.00
030DE0175	DE 175	44.45	35.50	8.50	7.00	40.00
030DE0175112	DE 175112	44.45	28.57	11.10	9.52	33.00
030DE0181	DE 181	46.00	28.20	12.00	10.20	36.50
030DE0187	DE 187	47.62	32.10	9.50	7.93	39.50
030DE0187125	DE 187125	47.62	31.75	11.10	9.52	39.00
030DE0193	DE 193	49.00	35.00	11.00	9.52	41.50
030DE0200	DE 200	50.80	41.50	9.00	7.14	46.00
030DE0200137	DE 200137	50.80	34.92	11.10	9.52	39.50
030DE0212	DE 212	53.97	41.30	11.00	9.52	47.00
030DE0212150	DE 212150	53.97	38.10	11.10	9.52	44.00
030DE0225	DE 225	57.15	44.30	8.00	6.35	50.00
030DE0225162	DE 225162	57.15	41.27	11.10	9.52	47.00
030DE0237	DE 237	60.32	48.30	8.00	6.35	54.00
030DE0237175	DE 237175	60.32	44.45	11.10	9.52	50.00
030DE0250	DE 250	63.50	46.30	10.50	8.85	54.50
030DE0250187	DE 250187	63.50	47.62	11.10	9.52	56.00
030DE0262	DE 262	66.67	51.10	10.50	8.85	58.50
030DE0262200	DE 262200	66.67	50.80	11.10	9.52	58.00
030DE0275	DE 275	69.85	54.10	9.50	7.93	61.50
030DE0275200	DE 275200	69.85	50.80	14.30	12.70	58.00
030DE0287	DE 287	73.02	63.50	7.00	5.55	68.00
030DE0287212	DE 287212	73.02	53.97	14.30	12.70	58.50
030DE0300	DE 300	76.20	57.90	10.50	8.73	66.50
030DE0300225	DE300225	76.20	57.15	14.30	12.70	66.00
030DE0312	DE 312	79.37	67.30	8.00	6.35	73.00
030DE0312237	DE 312237	79.37	60.32	14.30	12.70	66.00
030DE0325	DE 325	82.55	71.90	8.50	7.50	77.00
030DE0325250	DE 325250	82.55	63.50	14.30	12.70	68.50
030DE0337	DE 337	86.00	73.30	11.00	9.52	79.00
030DE0350	DE 350	88.90	76.30	8.00	6.35	82.00
030DE0350275	DE 350275	88.90	69.85	14.30	12.70	75.50

Code Code	Descrizione Description	D	d	L	H	ds
030DE0362	DE 362	92.00	76.10	11.00	9.52	83.50
030DE0375	DE 375	95.25	76.70	9.00	7.40	85.50
030DE0375300	DE 375300	95.25	76.20	14.30	12.70	85.00
030DE0387	DE 387	99.00	86.30	11.00	9.52	92.00
030DE0400	DE 400	101.60	89.30	11.00	9.52	95.00
030DE0400325	DE 400325	101.60	82.55	14.30	12.70	88.00
030DE0412	DE 412	105.00	89.10	9.50	7.93	96.50
030DE0425	DE 425	107.95	95.30	9.50	7.93	101.00
030DE0425350	DE 425350	107.95	88.90	14.30	12.70	94.50
030DE0437	DE 437	111.00	94.70	9.50	7.93	102.00
030DE0450350	DE 450350	115.00	89.60	19.00	15.90	97.00
030DE0462	DE 462	118.00	105.30	11.00	9.52	111.00
030DE0475	DE 475	120.65	108.30	11.00	9.52	114.00
030DE0475375	DE 475375	120.65	95.25	17.45	15.87	101.00
030DE0487	DE 487	124.00	111.30	11.00	9.52	117.00
030DE0500	DE 500	127.00	108.00	11.00	9.52	117.50
030DE05004000	DE 500400	127.00	101.60	17.45	15.87	111.00
030DE0512	DE 512	130.00	117.30	11.00	9.52	123.00
030DE0525	DE 525	133.35	121.30	11.00	9.52	127.00
030DE0525425	DE 525425	133.35	107.95	17.45	15.87	113.50
030DE0537	DE 537	137.00	124.30	11.00	9.52	130.00
030DE0550	DE 550	139.70	127.30	11.00	9.52	133.00
030DE0550450	DE 550450	139.70	114.30	17.45	15.87	120.00
030DE0562	DE 562	143.00	130.30	11.00	9.52	136.00
030DE0575475	DE 575475	146.00	120.60	19.00	15.90	133.00
030DE0587	DE 587	149.00	136.30	11.00	9.52	142.00
030DE0600500	DE 600500	153.00	127.60	19.00	15.90	140.00
030DE0625525	DE 625525	159.00	133.60	19.00	15.90	146.00
030DE0650550	DE 650550	165.00	139.60	19.00	15.90	152.00
030DE0675	DE 675	171.45	153.00	12.50	11.10	162.00
030DE0675575	DE 675575	171.45	146.05	17.45	15.87	155.00
030DE0700600	DE 700600	178.00	152.60	19.00	15.90	165.00
030DE0725	DE 725	184.15	165.00	12.50	11.11	174.00
030DE0725600	DE 725600	184.15	152.40	20.62	19.05	161.50
030DE0750625	DE 750625	191.00	159.30	22.00	19.00	175.00
030DE0775650	DE 775650	197.00	165.30	22.00	19.00	181.00
030DE0800675	DE 800675	204.00	172.30	22.00	19.00	188.00
030DE0825700	DE 825700	210.00	178.30	22.00	19.00	194.00
030DE0850725	DE 850725	216.00	184.30	22.00	19.00	200.00
030DE0875	DE 875	222.25	201.30	14.50	12.70	212.00
030DE0875750	DE 875750	222.25	190.50	20.62	19.05	201.00
030DE0900	DE 900	228.60	210.00	14.50	12.70	219.00
030DE0900775	DE 900775	228.60	196.85	20.62	19.05	206.00
030DE0925800	DE 925800	235.00	203.30	22.00	19.00	219.00
030DE0950825	DE 950825	242.00	210.30	22.00	19.00	226.00
030DE0975850	DE 975850	248.00	216.30	22.00	19.00	232.00
030DE1000	DE 1000	254.00	235.00	14.50	12.70	244.00
030DE1000875	DE 1000875	254.00	222.25	20.62	19.05	231.00
030DE1025900	DE 1025900	261.00	229.30	22.00	19.00	245.00
030DE1050	DE 1050	266.70	248.00	14.50	12.70	257.00
030DE1050925	DE 1050925	266.70	234.95	20.62	19.05	244.00
030DE1075950	DE 1075950	274.00	242.30	22.00	19.00	258.00
030DE1100975	DE 1100975	280.00	248.30	22.00	19.00	264.00
030DE11251000	DE 11251000	286.00	254.30	22.00	19.00	270.00
030DE11501025	DE 11501025	292.00	260.30	22.00	19.00	276.00
030DE11751060	DE 11751060	299.00	267.30	22.00	19.00	283.00
030DE1200	DE 1200	304.80	279.60	14.00	12.70	292.00
030DE12001075	DE 12001075	304.80	273.05	20.62	19.05	285.50
030DE1300	DE 1300	330.00	311.00	14.50	12.70	320.00
030DE1350	DE 1350	343.00	323.00	14.50	12.70	333.00
030DE1400	DE 1400	356.00	335.50	14.50	12.70	345.50

Codice Code	Descrizione Description	D	d	L	H	ds
030DEM012	DEM 12	12.00	6.00	5.50	4.00	10.00
030DEM016	DEM 16	16.00	10.00	5.50	4.00	14.00
030DEM020	DEM 20	20.00	12.00	7.00	5.50	16.00
030DEM025	DEM 25	25.00	17.00	7.00	5.50	21.00
030DEM032	DEM 32	32.00	24.00	7.00	5.50	28.00
030DEM040	DEM 40	40.00	30.00	8.50	7.00	35.00
030DEM050	DEM 50	50.00	40.00	8.50	7.00	45.00
030DEM05545	DEM 55	55.00	45.00	8.50	7.00	50.00
030DEM060	DEM 60	60.00	50.00	8.50	7.00	55.00
030DEM063	DEM 63	63.00	53.00	8.50	7.00	58.00
030DEM065	DEM 65	65.00	55.00	8.50	7.00	60.00
030DEM070	DEM 70	70.00	58.00	10.00	8.50	63.00
030DEM07563	DEM 75	75.00	63.00	10.00	8.50	69.00
030DEM80	DEM 80	80.00	68.00	10.00	8.50	74.00
030DEM85	DEM 85	85.00	73.00	10.00	8.50	79.00
030DEM900	DEM 90	90.00	78.00	10.00	8.50	84.00
030DEM100	DEM 100	100.00	88.00	10.00	8.50	94.00
030DEM105	DEM 105	105.00	93.00	10.00	8.50	99.00
030DEM110	DEM 110	110.00	98.00	10.00	8.50	104.00
030DEM120	DEM 120	120.00	105.00	11.50	10.00	111.00
030DEM125	DEM 125	125.00	110.00	11.50	10.00	117.50
030DEM140	DEM 140	140.00	125.00	11.50	10.00	132.00
030DEM145	DEM 145	145.00	130.00	11.50	10.00	137.00
030DEM150	DEM 150	150.00	135.00	11.50	10.00	142.00
030DEM160	DEM 160	160.00	145.00	11.00	10.00	152.00
030DEM180	DEM 180	180.00	160.00	17.00	14.00	170.00
030DEM200	DEM 200	200.00	180.00	17.00	14.00	190.00
030DEM220	DEM 220	220.00	200.00	17.00	14.00	210.00
030DEM250	DEM 250	250.00	230.00	17.00	14.00	240.00

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
Requests for quotation: enquiries@fridle.com
Ordini: ordini@fridle.com
Orders: orders@fridle.com

HT

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

FRIDLE ACADEMY

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





fridle.com

Le indicazioni tecniche riportate in questo documento vengono fornite a Fridle Group S.r.l. dai partner, hanno carattere indicativo e non costituiscono istruzioni d'uso. Fridle Group S.r.l. declina ogni responsabilità per il loro contenuto.

The technical specifications contained in this document are provided to Fridle Group S.r.l. by the partners, it is to be considered indicative and it does not constitute instructions for use. Fridle Group S.r.l. declines any responsibility for its content.