

SEALS | BEARINGS | GASKETS | SHAFT SEALS | CUSTOM MOLDED SHAPES | TEFLON® | RETAINING RINGS | MORE



Making a difference in the field of materials engineering.



R.E. PURVIS & Associates, Inc.

An ISO 9001:2000 Certified Company

O-RINGS



- Parker Seal
- Greene Tweed
- AS-568 (STD) Sizes
- Metric O-rings
- Custom Seals
- Non Standard
- Perfluoroelastomer
- 4300 Urethane
- ISO 9-Sizes
- JIS Standards
- Boss Fitting
- 5-Sizes
- Encapsulated
- Teflon Coated O-rings

HYDRAULIC/PNEUMATIC SEALS



- Parker Seal
- American Variseal
- PolyPak
- Slotted Wipers
- U-Cups
- T-Seals
- Canned Wiper
- PTFE Piston Rings
- OK Piston Seals
- High Pressure
- Low Pressure
- Rod Seals
- Back Up Rings
- Buffer Seals
- V – Rings

SHAFT SEALS



- Rubber Lip Seals
- PTFE Lip Seals
- Wipers
- Oil Seals
- Grease Seals
- Excluder Seals
- Pressure Seals
- High Speed Seals
- Rubber Covered Shaft Seals
- Valve Stem Seals
- Scrapers

RETAINING RINGS

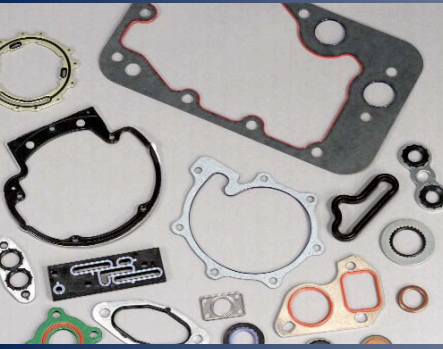


- Rotor Clip
- Wave Washer
- Eaton Rings
- Spirolox
- Metrics
- Self-Locking
- Constant Section
- Wire Forms
- Spring Washers
- E-Rings
- Internal/External
- Installation Tools

ADDITIONAL PRODUCTS AND SERVICES

- ISO 9001:2000 CERTIFIED
- ASSEMBLY
- CONSOLIDATION
- PRO-E ENGINEERING SUPPORT
- AUTOCAD
- TECHNICAL SUPPORT
- SPECIFICATION WRITING
- PPAP / ISIR / FAIR
- MICRO-VU INSPECTION EQUIPMENT
- REPLENISH AUTOMATED RESTOCKING SYSTEM
- KANBAN SYSTEMS

SEALING GASKETS



- Select-A-Seal
- Die Cut Gaskets
- Thread Seals
- Metal Gaskets
- Integral Seals
- Fastener Seals
- Rubber Edge Seals
- Composite Gaskets
- Press-in-Place (PIP) Seals
- Interface Solutions
- Parker Seals

BEARINGS



- Duraball
- Self-Lubricating Bearings
- Wear Bands
- Glacier Garlock
- DU / DX
- Composite Bearings
- Greaseless Bearings
- PTFE Bearings
- Rod Ends
- Spherical Bearings
- Plastic Roller Bearings
- Gar-Max
- Gar-Fill
- American Variseal

ENGINEERED SEALS



- Parker Seal
- American Variseal
- Greene Tweed
- Varilip
- Variseal
- Flexiseals
- Flexilip
- Fluid Power Seals
- PTFE Spring Energized Seals
- PTFE Encapsulated Seals
- Teflon® Seals

SPRINGS, MOLDED SHAPES AND MORE



- Compression Springs
- Extension Springs
- Torsion Springs
- Wave Washers
- Flat Springs
- Wire Forms
- Die Springs
- Wave Springs
- Custom Molded Rubber
- Grommets
- Duck Bill Valves
- Service Kits
- Molded Boots
- Press-in-Place (PIP) Seals
- Handles
- Sight Glasses
- Port Plugs (rubber & plastic)
- Clamps

- JUSTIN-TIME (JIT)
- CERTIFIED SUPPLIER
- ELECTRONIC DATA INTERFACE (EDI)
- DOCK TO STOCK

- TESTING
- BAGGING/SPECIAL PACKAGING
- KITTING
- SHIPMENT CONSOLIDATION

- BAR CODE LABELING



R.E. PURVIS & Associates, Inc.

PRODUCT REFERENCE GUIDE

MATERIAL	PRIMARY USES	TEMP RANGE (°F)	MATERIAL	PRIMARY USES	TEMP RANGE (°F)
Nitrile(Buna N)	oils/air/water	-40 to 250	Polyurethane(STD)	oils/air	-60 to 200
HNBR (HSN)	oils/air/water	-40 to 325	Polyurethane(High Temp)	oils/air	-40 to 250
Nitrile HT (PC)	oils/air/water	-30 to 275	Hytrel®/ Polymyte	oils/air	-60 to 275
EPR/EPDM	air/water/EG	-40 to 300	Chemraz®	air/oils/Chemicals	0 to 600
Viton®(FKM)	air/oils/chemicals	-10 to 400	PTFE(Teflon®)	air/oils/Chemicals	-320 to 400
HiFluor(FKM)	air/oils/chemicals	-10 to 400	UHMW / UHMWPE	air/oils/Chemicals	-300 to 200
Neoprene	oils/air/water	-40 to 250	PEEK	air/oils/Chemicals	-300 to 600
Polyacrylate	oils/air	-5 to 350	Nylon®	air/oils	-10 to 250
Silicone	oils/air	-100 to 400	Vespel®	air/oils/Chemicals	-400 to 550
Fluorosilicone	oils/air/fuels	-100 to 400	USP Class 6 Elastomers	air/water	-40 to 250

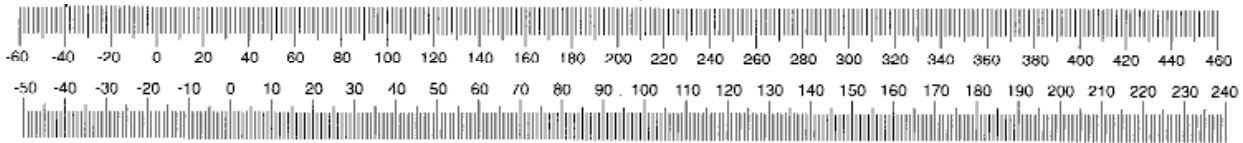
Many other materials are available. All mentioned tradenames are the property of their respective companies

MILLIMETERS TO INCHES CONVERSION TABLE

mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
1	0.0394	21	0.8268	41	1.6142	61	2.4016	81	3.1890	101	3.9764	121	4.7638
2	0.0787	22	0.8661	42	1.6535	62	2.4409	82	3.2283	102	4.0157	122	4.8031
3	0.1181	23	0.9055	43	1.6929	63	2.4803	83	3.2677	103	4.0551	123	4.8425
4	0.1575	24	0.9449	44	1.7323	64	2.5197	84	3.3071	104	4.0945	124	4.8819
5	0.1969	25	0.9843	45	1.7717	65	2.5591	85	3.3465	105	4.1339	125	4.9213
6	0.2362	26	1.0236	46	1.8110	66	2.5984	86	3.3858	106	4.1732	126	4.9606
7	0.2756	27	1.0630	47	1.8504	67	2.6378	87	3.4252	107	4.2126	127	5.0000
8	0.3150	28	1.1024	48	1.8898	68	2.6772	88	3.4646	108	4.2520	128	5.0394
9	0.3543	29	1.1417	49	1.9291	69	2.7165	89	3.5039	109	4.2913	129	5.0787
10	0.3937	30	1.1811	50	1.9685	70	2.7559	90	3.5433	110	4.3307	130	5.1181
11	0.4331	31	1.2205	51	2.0079	71	2.7953	91	3.5827	111	4.3701	140	5.5118
12	0.4724	32	1.2598	52	2.0472	72	2.8346	92	3.6220	112	4.4094	150	5.9055
13	0.5118	33	1.2992	53	2.0866	73	2.8740	93	3.6614	113	4.4488	160	6.2992
14	0.5512	34	1.3386	54	2.1260	74	2.9134	94	3.7008	114	4.4882	170	6.6929
15	0.5906	35	1.3780	55	2.1654	75	2.9528	95	3.7402	115	4.5276	180	7.0866
16	0.6299	36	1.4173	56	2.2047	76	2.9921	96	3.7795	116	4.5669	190	7.4803
17	0.6693	37	1.4567	57	2.2441	77	3.0315	97	3.8189	117	4.6063	200	7.8740
18	0.7087	38	1.4961	58	2.2835	78	3.0709	98	3.8583	118	4.6457	210	8.2677
19	0.7480	39	1.5354	59	2.3228	79	3.1102	99	3.8976	119	4.6850	220	8.6614
20	0.7874	40	1.5748	60	2.3622	80	3.1496	100	3.9370	120	4.7244	230	9.0551

CONVERSION TABLES

TEMPERATURE TABLE



Temperature: (Fahrenheit to Centigrade)

Fahrenheit (F) = (1.8 x C) + 32
Celsius (C) = (F-32) x 0.56

Millimeters/Inch

Millimeters ÷ by 25.4 = inches
Inches x 25.4 = millimeters

Pressure (PSI/BAR)

PSI = 14.5 x BAR
BAR = PSI ÷ 14.5
1 BAR = 14.5 PSI

CONTACT US

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