SILICONE EXTRUSIONS
EPDM EXTRUSIONS
RUBBER STRIPS & SEALS

HOLLOW ROUND SILICONE TUBING,
SILICONE CORDS (SQUARE & ROUND)
SILICONE SPONGE CORD (SQUARE & ROUND CORDS)
NEOPRENE ROUND SPONGE CORDS
CUT NEOPRENE & EPDM PLAIN AND SELF ADHESIVE
RUBBER MOULDINGS,PLASTIC MOULDINGS

Over 1500 tools available

GEORGE CULLEY (Rubber & Plastics)

Unit 8 Dodgson Industrial Estate
Dodgson Street
Rochdale
Lancashire , OL16 5SJ

|

Tel: 0560 344 9596 (VOIP) OR: 0161 622 0020
Fax: 0560 344 9597 (VOIP) OR: 0161 622 0010
Email: gculley251@aol.com
www.rubber-extrusions-seals.co.uk

SEE OUR DRAUGHT EXCLUDER & WEATHER STRIP CATALOGUE

MANUFACTURERS,STOCKISTS & AGENTS FOR :- BRUSH STRIPS,DRAUGHT EXCLUDERS,WEATHER STRIPPING FOR DOORS & WINDOWS,INDUSTRIAL SEALS,SOLID RUBBER,SPONGE RUBBER,EXTRUSIONS IN SILICONE.ALSO THE FOLLOWING:-EPDM,NEOPRENE,NITRILE,NATURAL RUBBER, WHITE, BLACK & COLOURED RUBBER,RIGID AND FLEXIBLE PLASTIC EXTRUSIONS,PVC, FOAMED EXTRUSIONS,O RINGS, QUAD RINGS, WASHERS IN ALL POLYMERS, SHIMS,BUNGS,SOLID AND HOLLOW BALLS ,FEET,EXTRUDED ROUND AND SQUARE CORDS,DIP MOULDINGS, GASKETS, RUBBER OR PLASTIC STRIPS,VITON, SHEET MATERIAL, INSULATION, POLYETHYLENE, POLYURETHANE, MACHINED PLASTIC,ACRYLICS,MILLING,CUTTING OF EXTRUSIONS,HOSES,REINFORCED PVC TUBING,SILICONE TUBING,HOSES, REINFORCED PVC TUBING,SILICONE TUBING,BRASS RODS,FOAM STRIPS,COMPLEX AND EASY EXTRUSIONS FURNITURE TRIMS,CLOSED CELL AND OPEN CELL FOAM STRIPS ,PLAIN AND ADHESIVE BACKED ALL INDUSTRIAL COMPONENTS.....ETC......

A FULL RUBBER AND PLASTICS SERVICE TO ALL

GEORGE CULLEY ~~ INDEX

<u>SILICONE EXTRUSIONS over 1500 tools available</u>

Whilst a lot of sections are stocked , we will remake for a minimum of 25 metres

<u>GENERAL PURPOSE COMPOUNDS</u>

Silicone rubber is strong, resilient and stretchable at temperatures where organic rubber fails. All silicone is available in a range of shore hardness and colours. General Purpose is serviceable up to 200 degrees Centigrade with special grades useful for limited service up to 315 degrees Centigrade. It also has excellent low temperature flexibility and is used successfully for prolonged periods at - 65 degrees Centigrade. Main colours available are white, black and translucent. We are able to quote for other all colours, subject to volume requirement.

*   Excellent dielectric strength and insulation properties
*   Low moisture absorption, inherently hydrophobic
*   Ozone and corona resistant
*   Thermal, oxidation and radiation resistant, virtually non existent in other polymers
*   Resistant to weathering, ageing and sunlight
*   Contains no sulphur or other acidic producing chemicals,
causing no staining nor corrosion
*   Will not support the growth of fungus when properly cured with correct catalyst
*   Excellent thermal insulation properties
*   Under most conditions provides excellent release from sticking
*   In contrast, can be bonded to most surfaces, using RTV, or to itself to form rings
*   Vibration dampening, absorbs energy over a wide range of frequencies
*   Food quality
Thinner walls possible , enabling better seals andmore complex sections
*   Available in sponge , 40 , 50 , 60 , 65, 70, 75 and 80 shore hardness

<u>SPECIALIST GRADES</u>

* Higher Strength   * High Temperature to 315 deg c   * Flame Retardant
* Metal Detectable   * Steam Resistant   * Wire Grades

<u>SILICONE & EPDM & NEOPRENE SLEEVING & TUBING (IN SOLID RUBBER AND FOAMED SECTIONS):</u>

From a fine hollow 0.25mm bore to 100mm bore ie towards layflat tubing. Any bore/wall combinations made to your specification. Silicone Tubing is normally available within 2 weeks if not in stock although we carry a wide range in stock.
A list of the dies available is on the following page.

<u>SILICONE & EPDM SOLID CORDS, ROUND & SQUARE:</u>

Solid 'O' Ring cords in neoprene, nitrile, EPDM or silicone. A list of the dies available is on the following page. We are able to quote for other sizes, subject to volume requirement.

<u>SILICONE , EPDM , NEOPRENE STRIPS:</u>

Solid strips in neoprene, nitrile, EPDM or silicone. Thickness and width to your specification, subject to a minimum order quantity of 25 metres – normally available within 2 weeks.

<u>PROFILES & SECTIONS:</u>

Thousands of dies are available.

OR
PLEASE FORWARD YOUR DRAWINGS OR PIECES FOR PRICING , WE WILL CARRY OUT A DIE SEARCH TO SEE IF WE HAVE A CLOSE SECTION AVAIALBLE.

PLEASE E MAIL GCULLEY251@AOL.COM
OR FAX 0560 344 9596 WITH DRAWINGS OR SKETCHES

Silicone Tubing – dies available:

Inside diameter (mm):

0.50	3.50	7.00	10.50	14.00	17.50
0.75	4.00	7.50	11.00	14.50	18.00
1.00	4.50	8.00	11.50	15.00	18.50
1.50	5.00	8.50	12.00	15.50	19.00
2.00	5.50	9.00	12.50	16.00	19.50
2.50	6.00	9.50	12.70	16.50	20.00
3.00	6.50	10.00	13.00	17.00	25.00

Wall thickness (mm):

0.50	0.70	0.80	1.00	1.50	2.00	3.00
3.50	4.00	5.00	6.00	6.35	7.00	10.00

Silicone Sponge Cord (round) – dies available:

Outside diameter (mm):

2.00	2.50	3.00	3.50	4.00	4.50
5.00	5.50	6.00	6.50	7.00	7.50
8.00	8.50	9.00	9.50	10.00	10.50
11.00	11.50	12.00	12.50	13.00	13.50
14.00	14.50	15.00	15.50	16.00	16.50
17.00	17.50	18.00	18.50	19.00	19.50
20.00	20.50	21.00	21.50	22.00	22.50
23.00	23.50	24.00	24.50	25.00	

Silicone, EPDM , Sponge & Solid Strip (square) – dies available:

Size (mm X mm):

2.00	2.50	3.00	3.50	4.00	4.50
5.00	5.50	6.00	6.50	7.00	7.50
8.00	8.50	9.00	9.50	10.00	10.50
11.00	11.50	12.00	12.50	13.00	13.50
14.00	14.50	15.00	15.50	16.00	16.50
17.00	17.50	18.00	18.50	19.00	19.50
20.00	20.50	21.00	21.50	22.00	22.50
23.00	23.50	24.00	24.50	25.00	

There is also a wide range of rectangular strips available.

EPDM And Neoprene ~ Solid & Sponge Cord (round) - dies available:

Size (mm):

2.00	2.50	2.80	3.00	3.20	3.50
4.00	4.50	4.75	5.00	5.50	6.00
7.00	8.00	9.00	9.50	10.00	12.00
13.00	15.00	19.00	20.00	25.00	30.00

**IF WE DO NOT HAVE AN EXACT DIE TO PRODUCE THE EXTRUSION YOU NEED
WE CAN MANUFACTURE THE TOOLING IN HOUSE AND PRODUCE A SMALL
SAMPLE FOR APPROVAL PRIOR TO RECEIVING A BULK ORDER.**

WE CAN EXTRUDE ANY SILICONE SHAPE. MOST DIES ARE AVAILABLE WITHIN 2-3 WEEKS.

**WE SHOULD BE PLEASED TO RECEIVE A SKETCH OF THE PROFILE YOU
REQUIRE SO WE MAY PROVIDE YOU WITH OUR QUOTATION.**

P-SECTIONS (1) - SILICONE

17

34

131

206

322

253

257

264

269

582

272

293

338

421

427

458

522

545

554

570

556

583

685

673

741

806

907

953

955

956

1051

1052

1065

1225

1237

110

1191

1230

1309

1492

1493

1767

5

P-SECTIONS (2) - SILICONE

1809   1964   2181   2228   12

19   74   77   95

105   107   114   126

132   140   192   196

266   267   268   270

271   400   447   1362

523   524   533   559
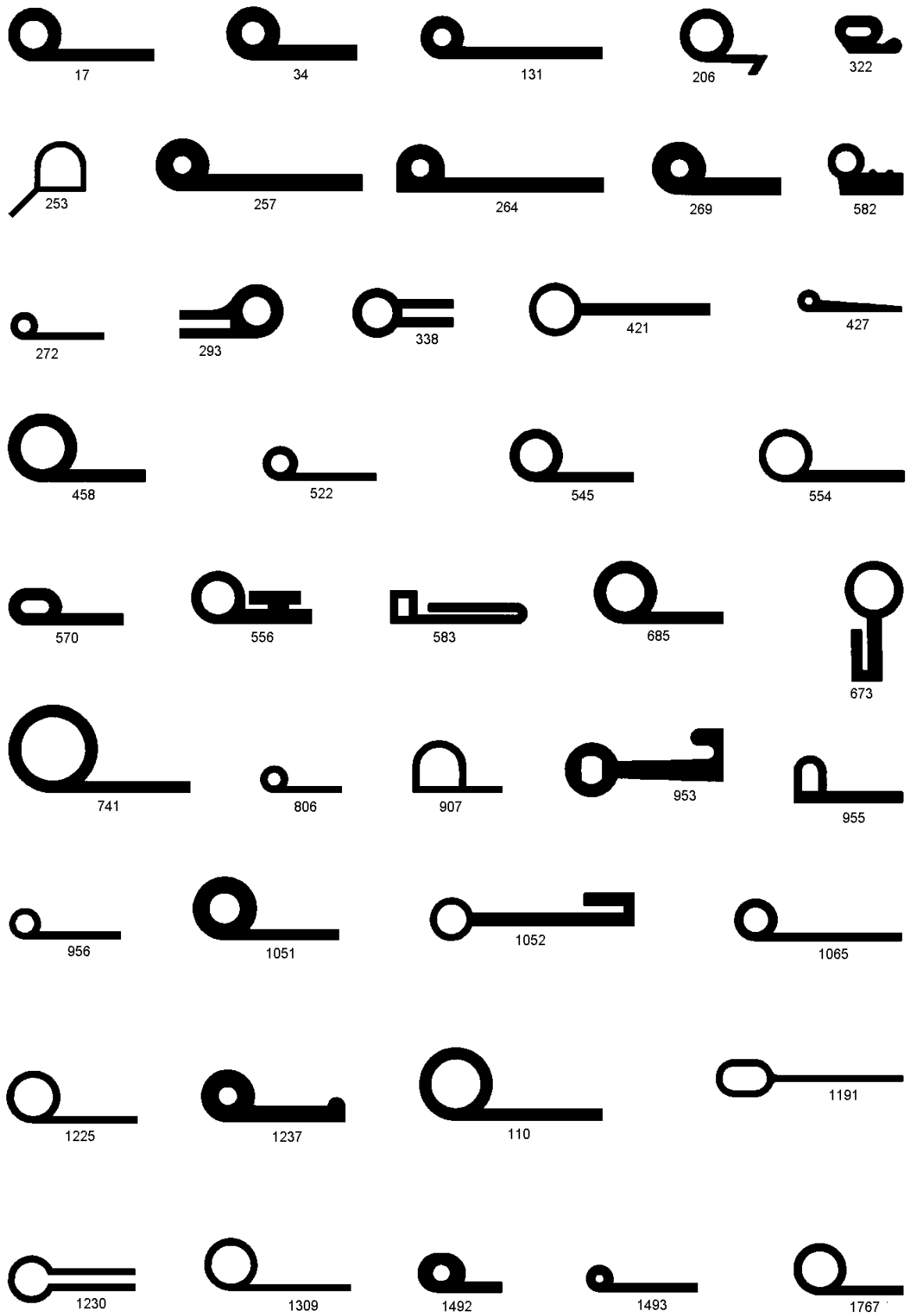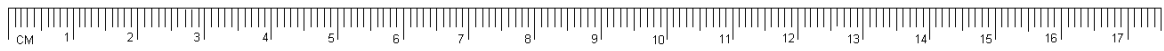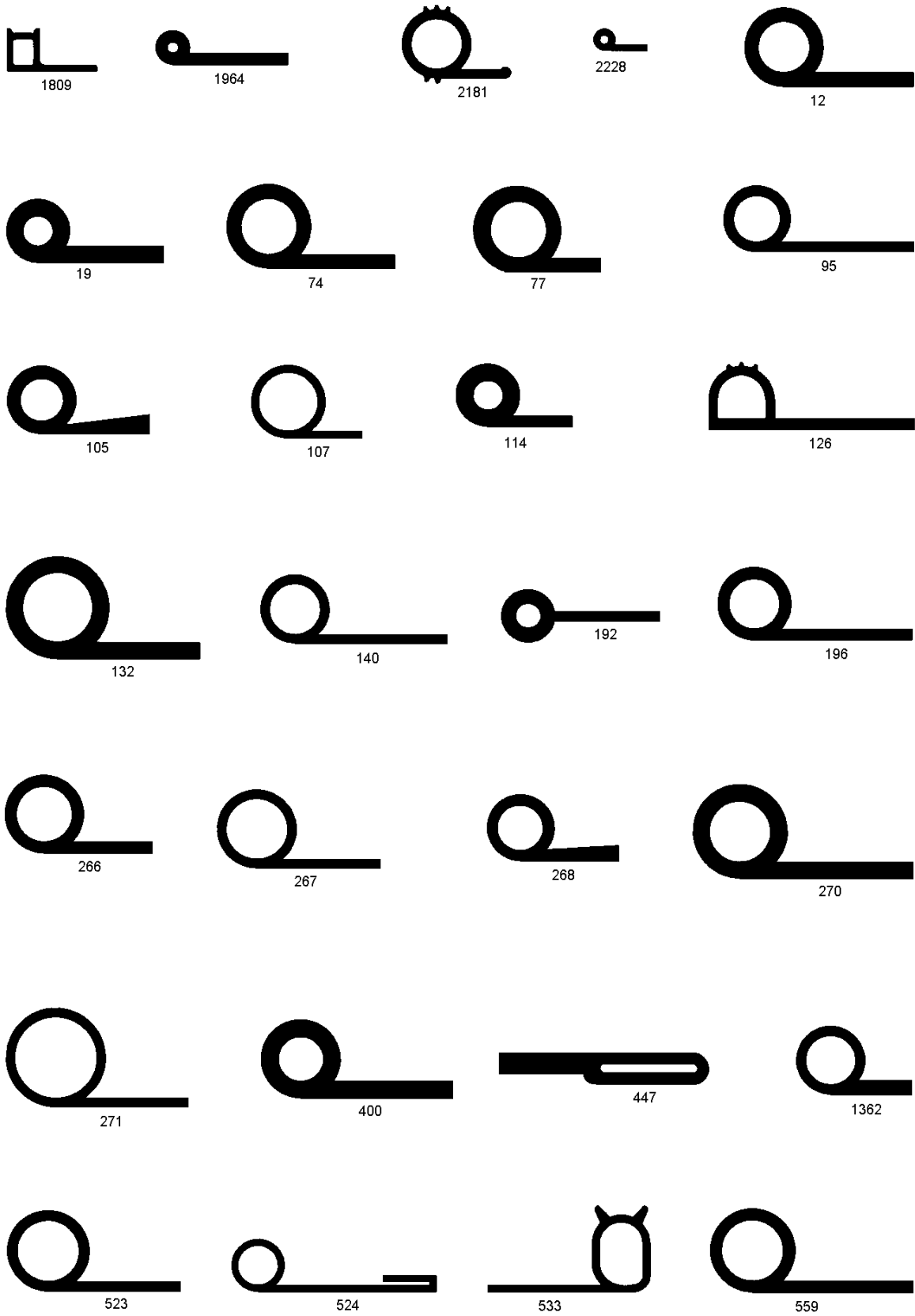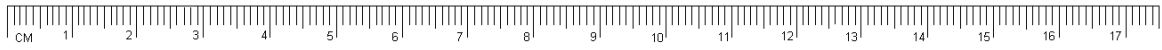
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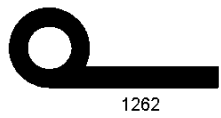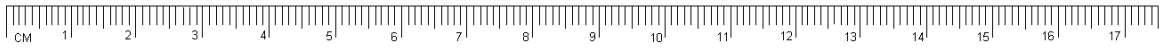
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1471

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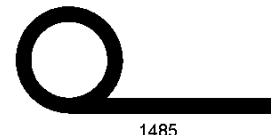
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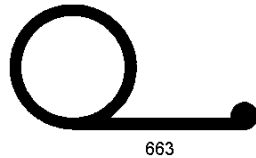
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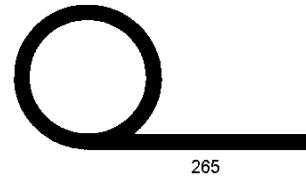
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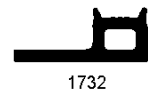
1732

2082

1564

1608

1643

1737

1770
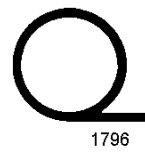
1796

1804

1817

1844

1955
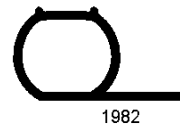
1982

1985
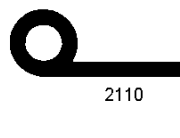
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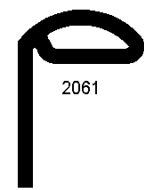
2061

2075

2067

2247

P-SECTIONS (4) - SILICONE

151

72

90

434

1308

184

116

1462

813

738

1463

513

1005

1574

1802

1631

1313

P-SECTIONS (5) - SILICONE

1685

1859

2234

2095

255

782

2173

1599

1101

429

356

1845

2172

490

113

1736

2238

1805

191

1112

1205

1951

777

118

296

1972
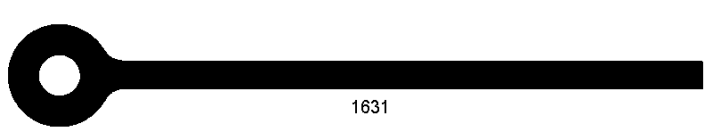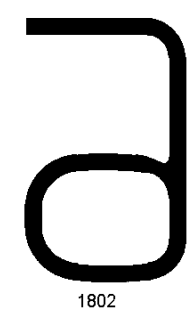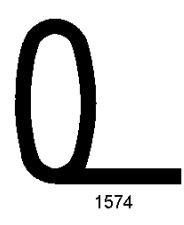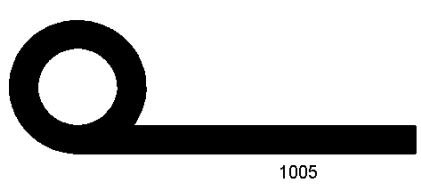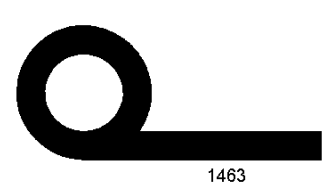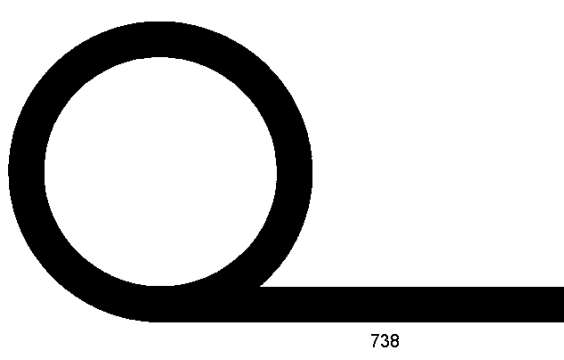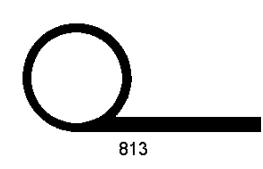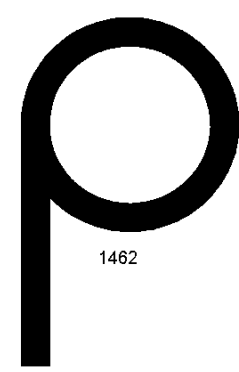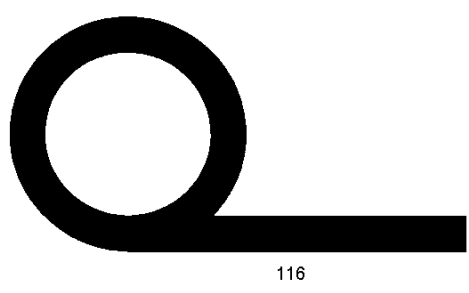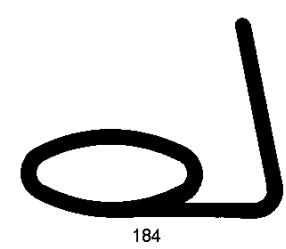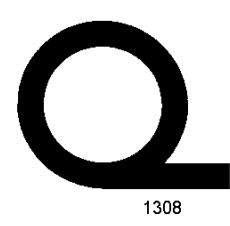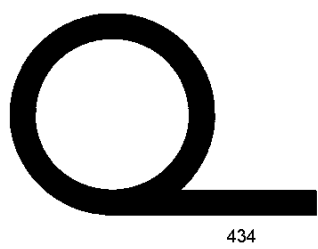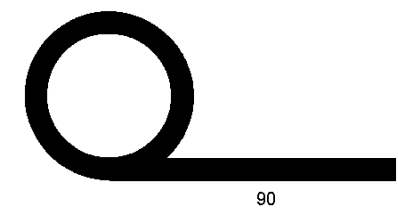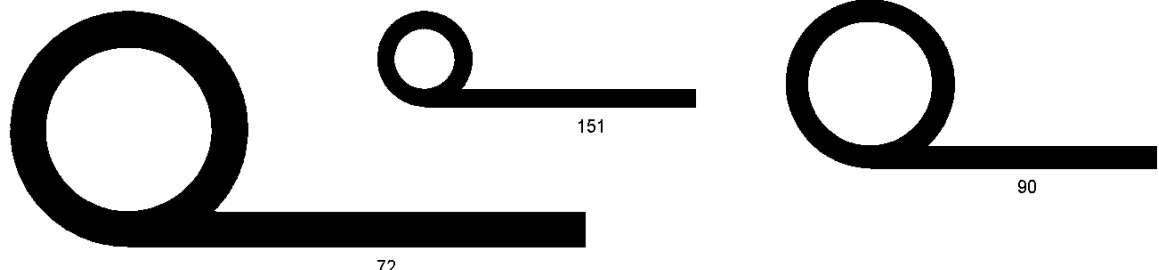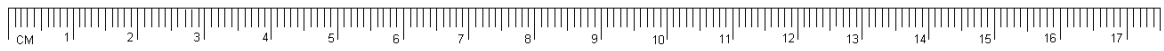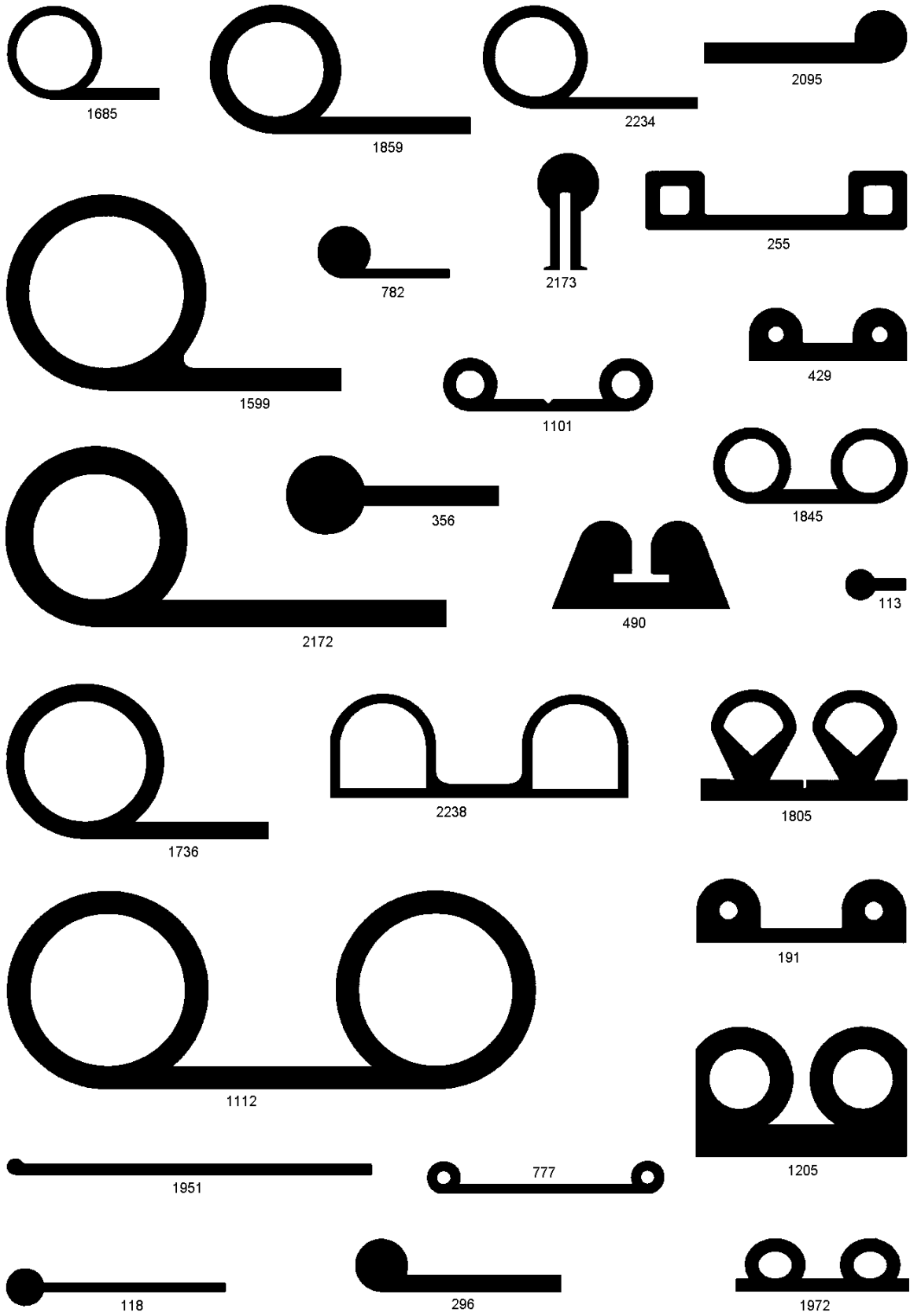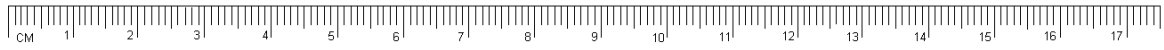
P-SECTIONS (6)

MATERIAL - SILICONE

O/D I/D

LEG
THICKNESS

LEG

Other dies available (all sizes in mm):

O/D	I/D	Leg	Leg Thickness
3.00	1.50	8.00	1.00
5.00	3.00	10.00	1.20
7.50	5.50	15.00	1.40
10.00	7.50	20.00	1.50
12.50	10.00	25.00	1.60
15.00	12.50	30.00	2.50
20.00	14.00	35.00	3.00
25.00	20.00	40.00	3.00

DOZENS OF OTHER COMBINATIONS !

MATERIAL - EPDM

NOT TO SCALE BELOW

717EPDM
10
1.5
25

609EPDM
8 4
1.5
18

825 EPDM
19
7
6
24

574EPDM
24 12
10
63

1001 EPDM
20
4
1.5

970 EPDM
6
3
1.5
25

312EPDM
6.5
3.2
40

925 EPDM
32 24
40
4

1063 EPDM
25 19
3
55

403EPDM
13 9
2
30

315EPDM
12 9
1.5
24

299EPDM
5
1
5   25

1044 EPDM
11
6
3
34

1063 EPDM
25 19
55
3

1069 EPDM
11
5
3
26

361EPDM
12 6
3
50

1070 EPDM
6
3
2
15

269EPDM
8
1
8   25
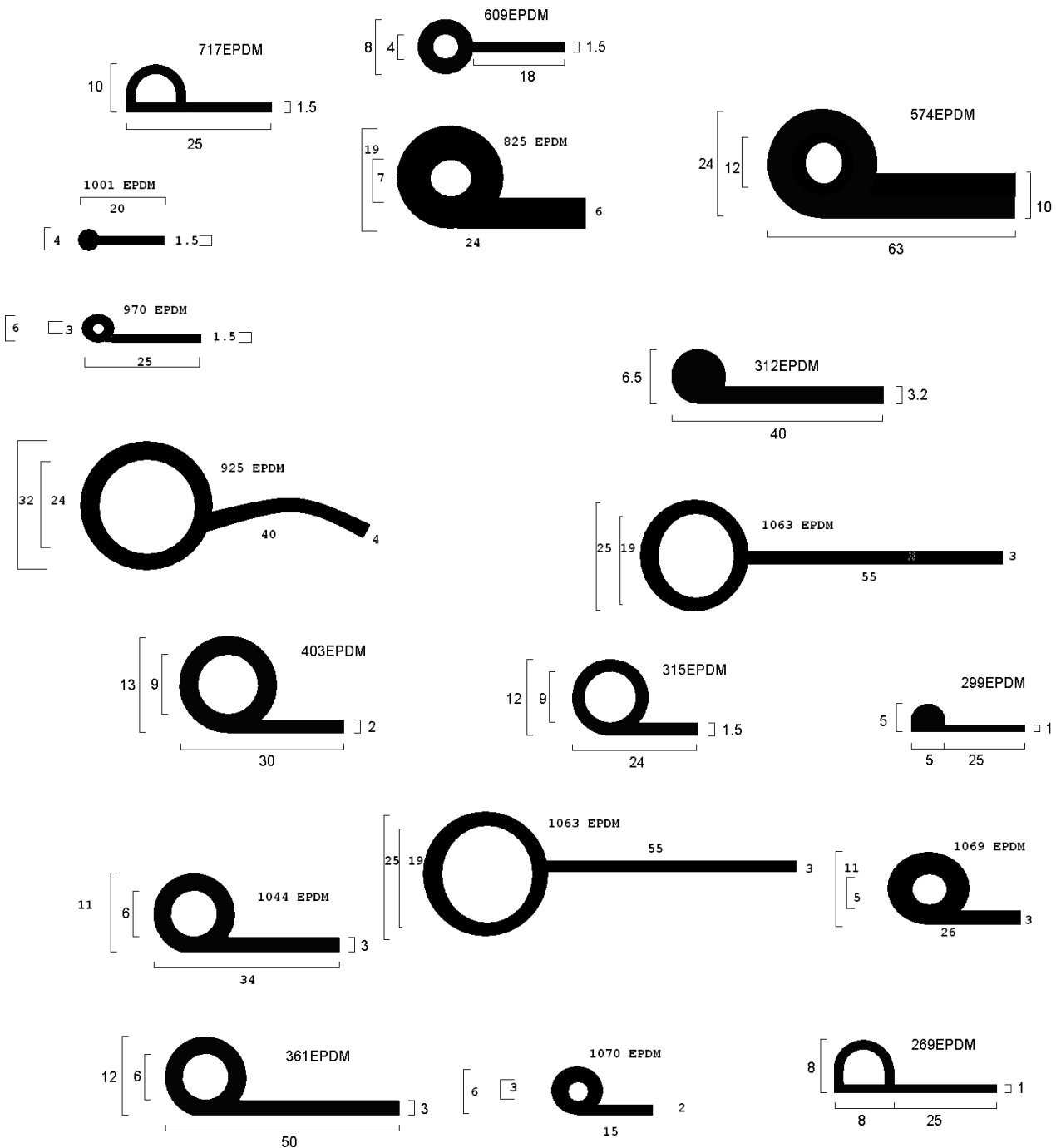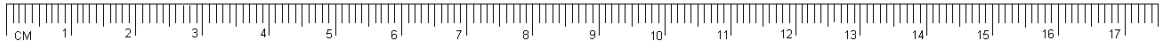
88

89

92

93

177

178

117

207

507

621

644

802

1016

694

1033

1055

1072

1093

1124

1118

1047

1173

1180

1296
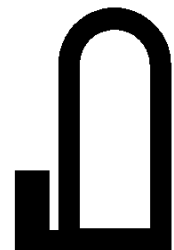
1105

1346

1373

1436

1450

1518

E-SECTIONS (2) - SILICONE

1605

1611

1718

1629

445

1739

1325
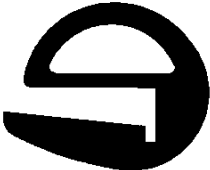
1754

1850

1856

1864

1904

352

1912

1900
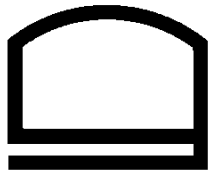
1992

2002

2047

2054

2065

1056

531

2071

2214

2237

D-SECTIONS (1) - SILICONE

62

134

136

201

292

316

373

291

294

449

455

448

462

566

550

467

468

622

595

598

488

665

794

807

825

858

869

877

412
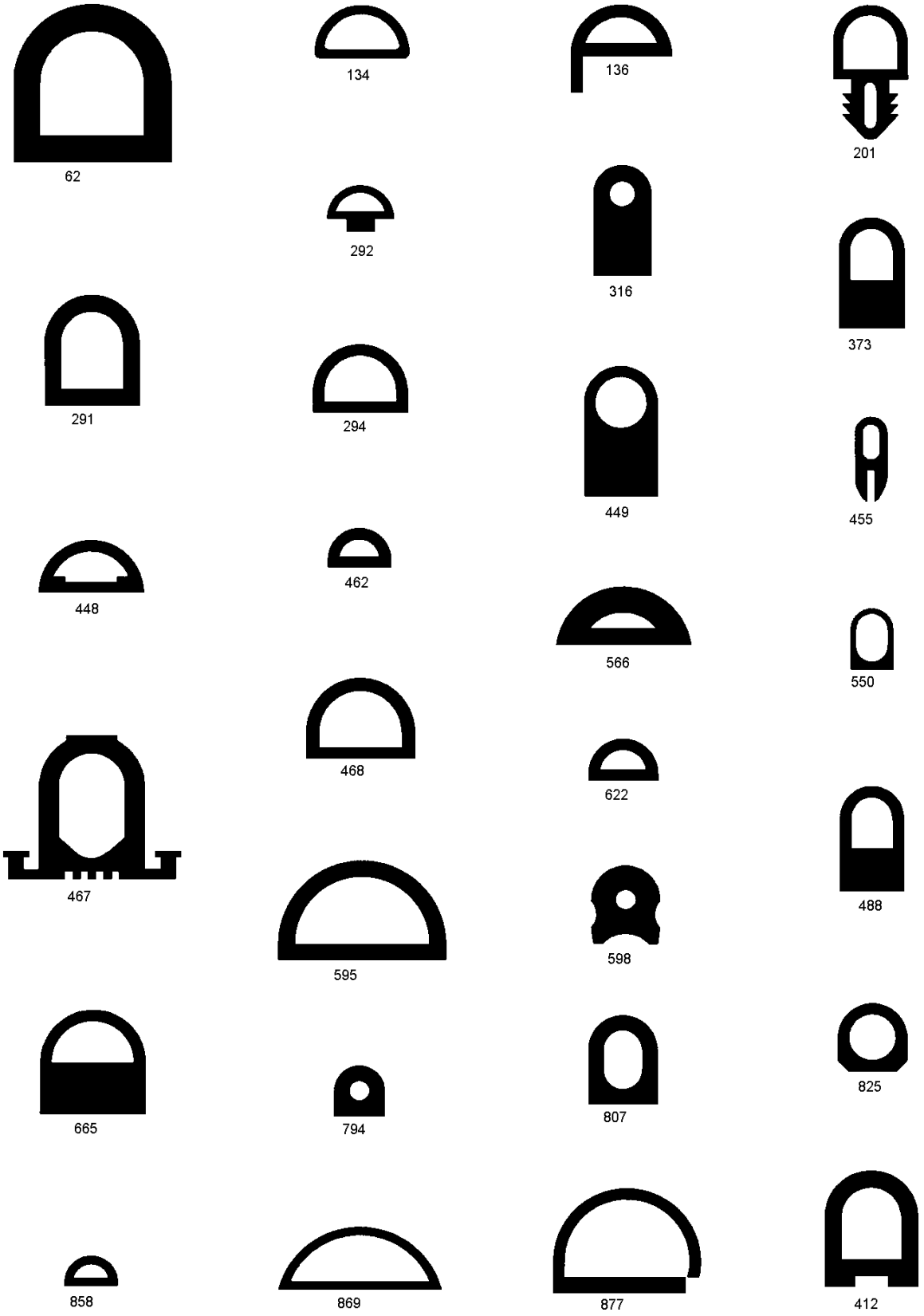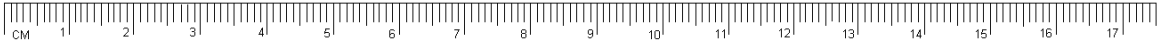
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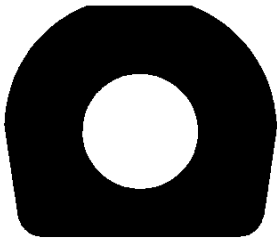
1675

1709

1712

1727

1747

1764

1729

1834

1786

1797

1812

1751

1861

1998

1884

1929

1886

2006

1312

1930

2001

2027
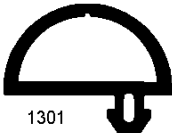
1301

1283

1212

1094

1064

D-SECTIONS (3) - SILICONE

1

23

73

215

137

275

365

486

571

278

295

229

230

279

446

466

496

521

572

710

368

415

492

796

864

916

945

590

629

842

695

690

866

976

989

1023

1129

1133

1201
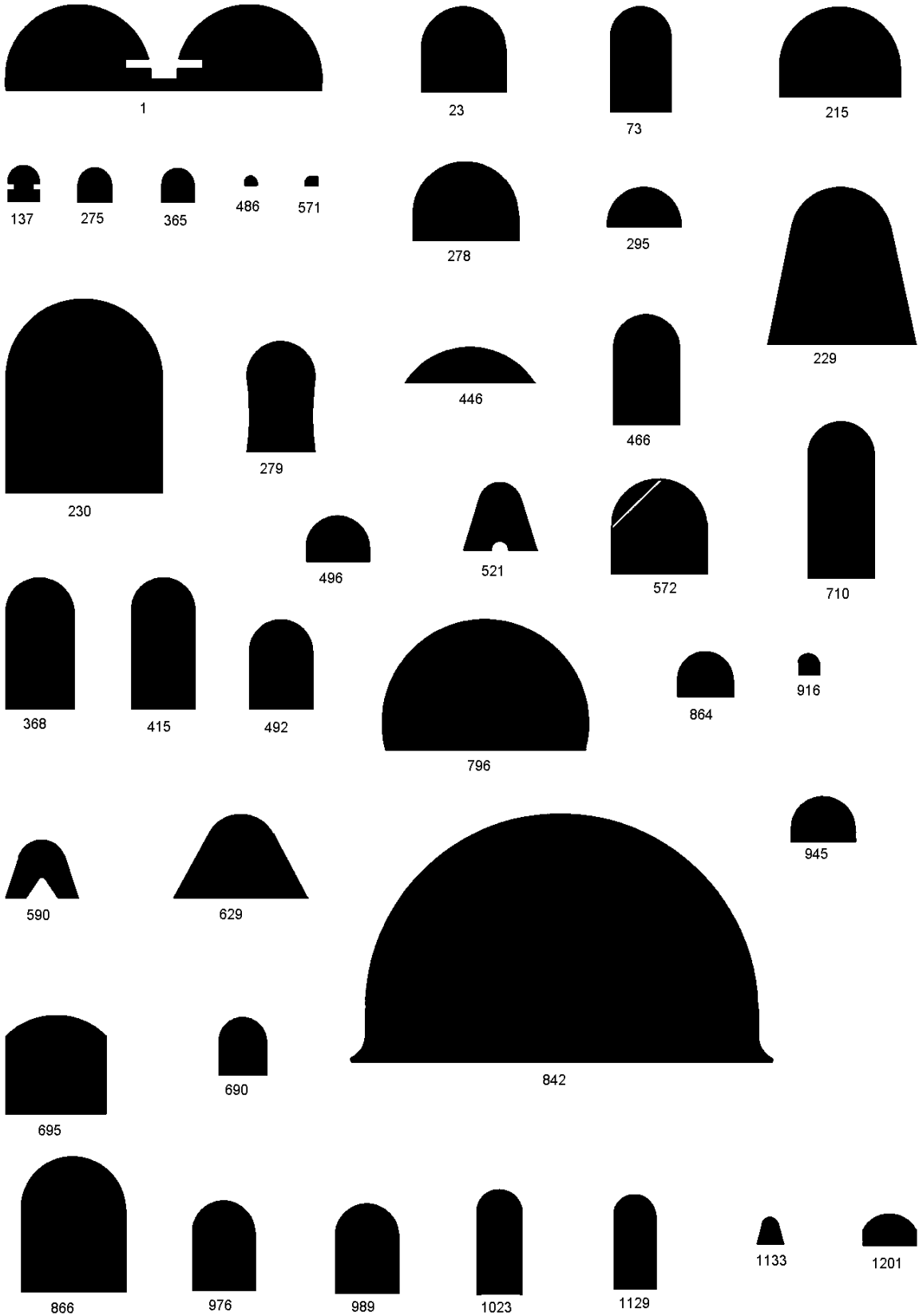
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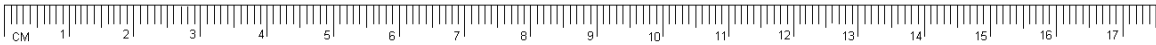
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1350

1422

1370

1233

1474

1477

1592

1522

1640

1573

1584

1648

1657

2262

1752

1760

1771

1778

1789

1890

1847

1966

2267

1894

2036

106

2033

2087

2091

2102

2188

2185

2109

DOOR SEALS (1) - SILICONE

2146

2250

2239

2161

2129

2215

1020

1012

1478

1143

79

901

1046

1057

1213

893

1035

2119

87

1080

1142

135

1502

1503

1536

1406

329

1433

1405

1231

1377

2052

682

809

2138

2092

DOOR SEALS (2) - SILICONE

443

797

798

819

613

138

582

2064

1265

2196

2070

2131

2169

141

277

535

817

2135

648

1136

1708

1531

1060

2081

155

1123

1543

1438

1040

1374

627

637

1210

1448

471
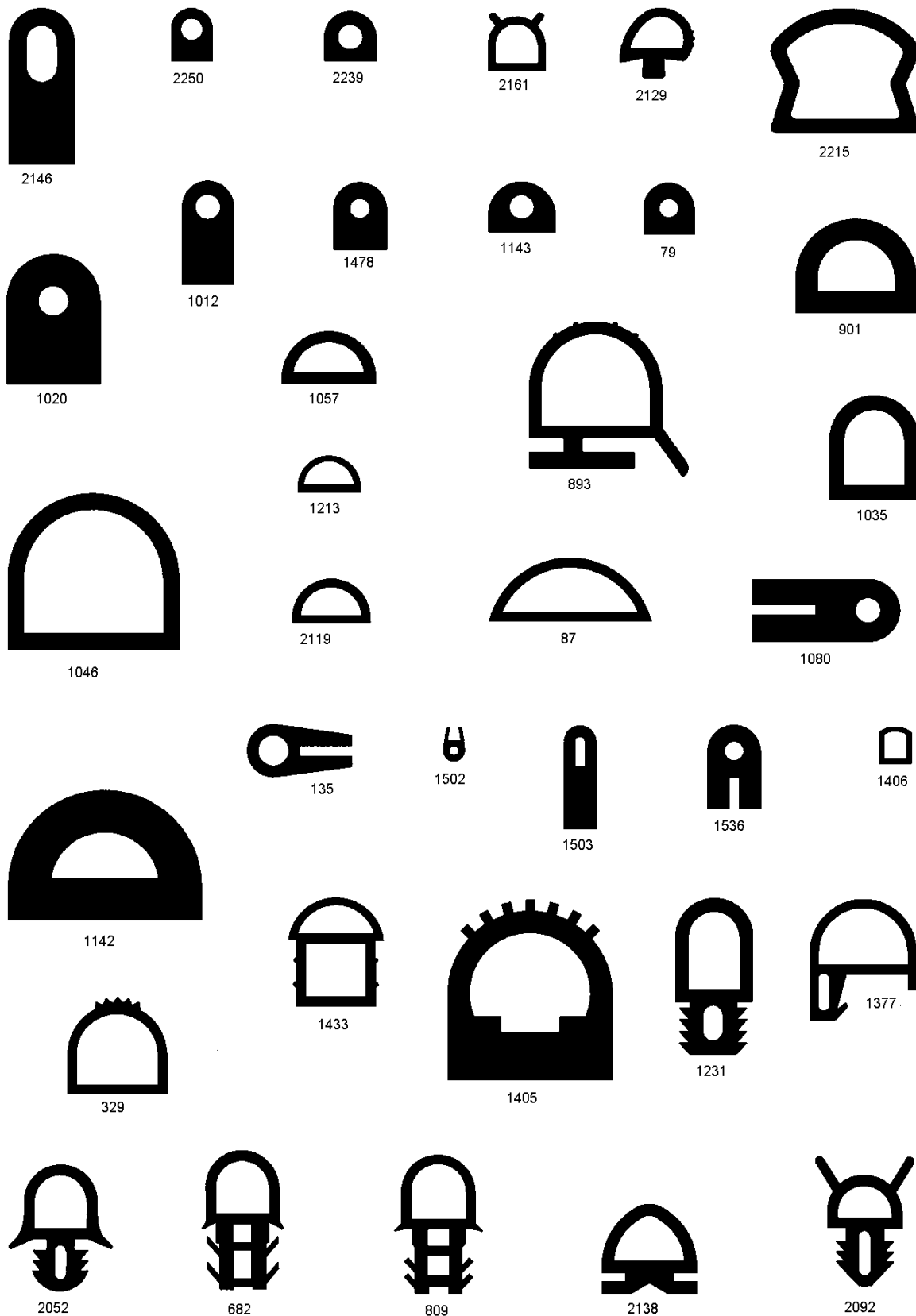
DOOR SEALS (3) - SILICONE

1663

1538
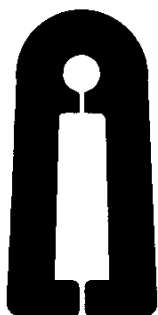
1562

1588

1645

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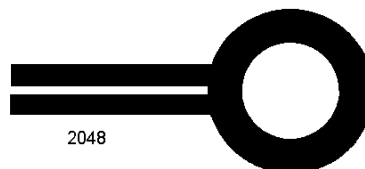
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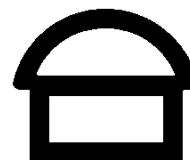
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LIP SEALS (1) - SILICONE

21

38

81

2056

197

86

112

188

195

320

2105

218

311

312

500

353

354

321

358

395

408

413

431

2153

614

461

473

469

333

606

505

625

855

1058

957

2039

2086

972

1126

2031

2079

LIP SEALS (2) - SILICONE

1127

1121

1630

1154

1169

1182

1193

1194

1211

1215

1221

1232

1282

1287

2018

1295

1289

1290

1250

1341

1348

1351

1298

1306

1420

1421

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1416

1596

1617

2116

1464

1523

1526

1686

2122

1542

1627

1618

2151

2152

LIP SEALS (3) - SILICONE

1635

1662

1683

1700

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1777

1694

1781

1811

1782

1784

1758

1888

2074

2115

2167

1791

1803

1819

1849

1857

1867

1875

1877

1914

1915

1921

1922

1928

1932

2049

1957

1952

1975

1943

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1988

2055

1996

U-CHANNELS (1) - SILICONE

53

97

163

662

482

211

667

641

847

214
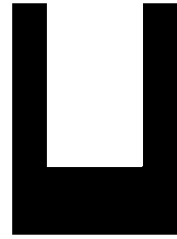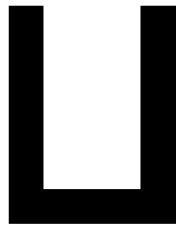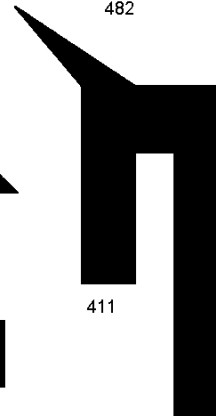
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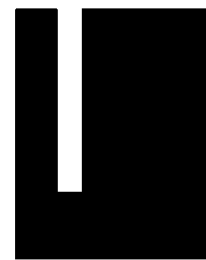
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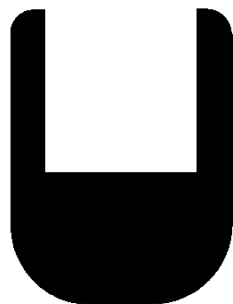
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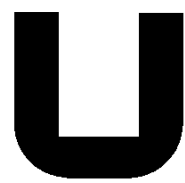
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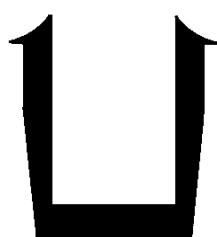
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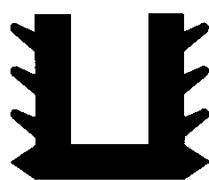
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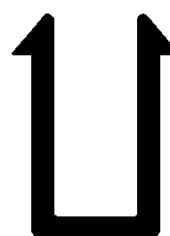
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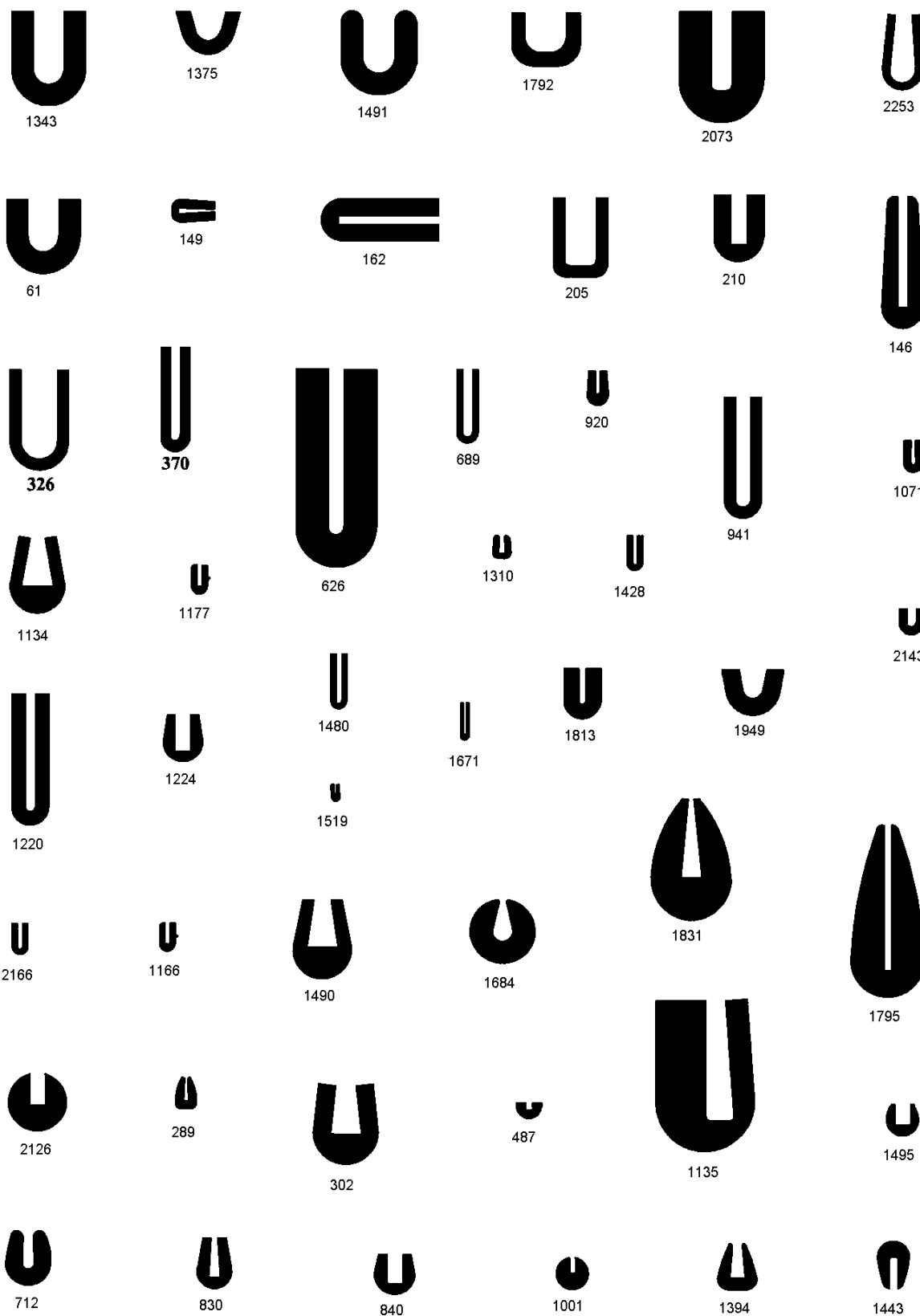1355

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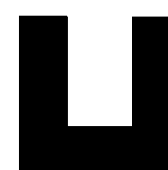
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U-CHANNELS (3) - SILICONE

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94

104

108

170

199

200

203

306

308

325

346

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652

684

693

697

718

766

824

892

894

931

1053

1183

1216

1300

1317

1319

1240

1241

1267

1466

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1333

1395

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1488

1570

1598

1633

1840

1870

1893

1946

2057

2080

2147

2170

1244

1343

1375

1491

1792

2073

2253

61

149

162

205

210

146

326

370

626

689

920

941

1071

1134

1177

1310

1428

2143

1220

1224

1480

1671

1813

1949

1519

1831

1795

2166

1166

1490

1684

2126

289

302

487

1135

1495

712

830

840

1001

1394

1443

U-CHANNELS (5) - SILICONE

CM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

102

359

792

1096

1160

1417

1320

1449

1508

561

1276

1277
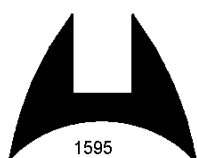
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171

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287

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417

435

436

470

477

484

509

562

609

616

650

661

703

U-CHANNELS(6) - SILICONE

789 952 933 1192 1197 1286 1297

1303 1304 1322 1323 1324 1331 1361

1369 1400 1407 1413 1636 1670 1706

1707 1715 1717 1723 1724 1731

1738 1746 1865 1866 1954 1961 1976 2089

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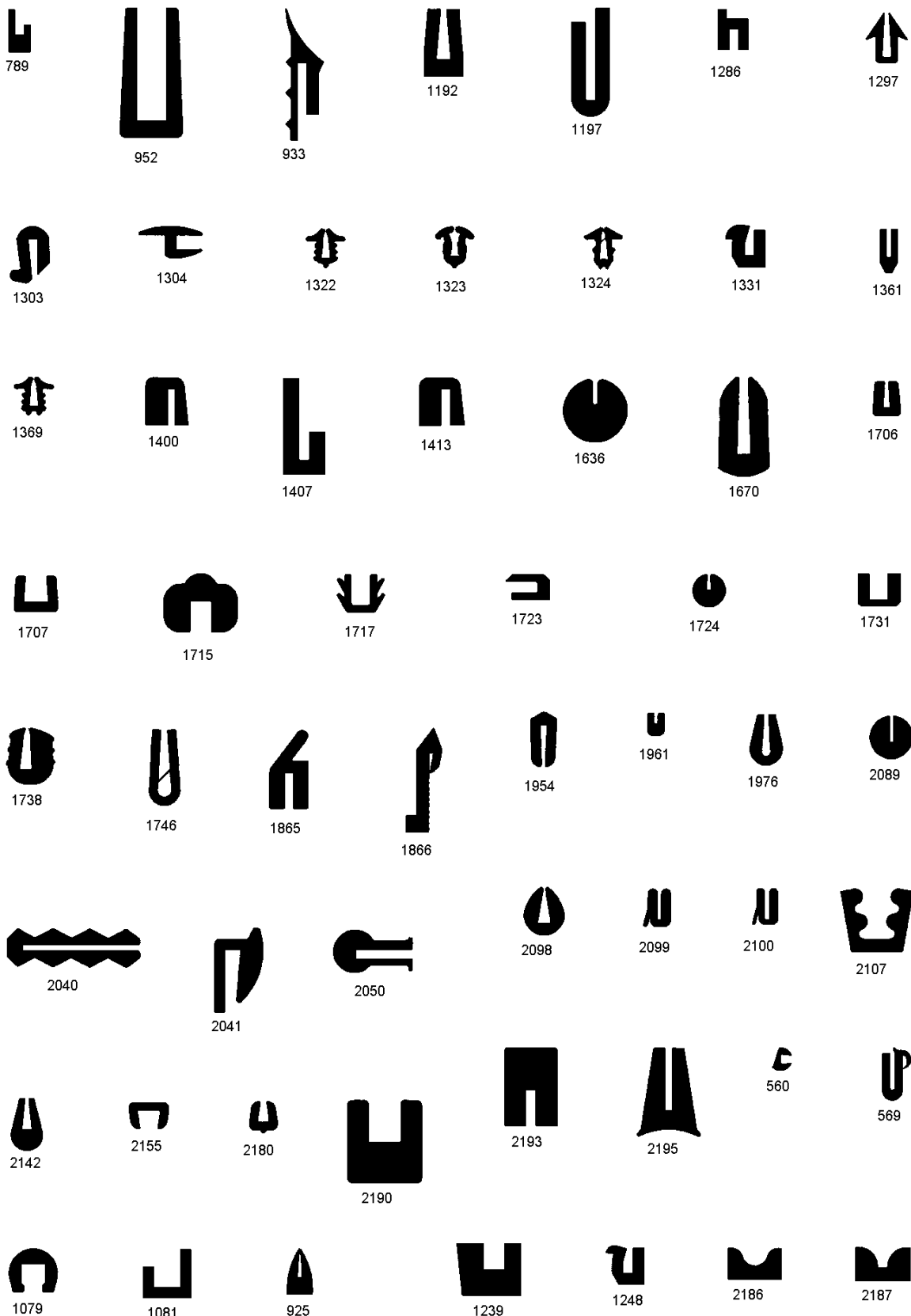
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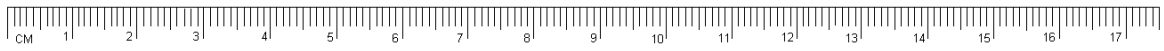
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2022

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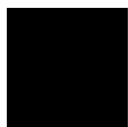
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SQUARE -TUBE SECTIONS - SILICONE
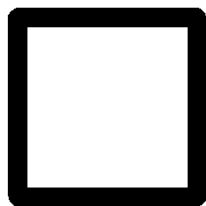
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1146

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639

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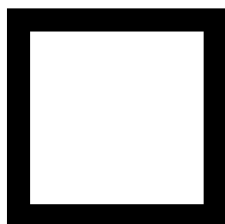
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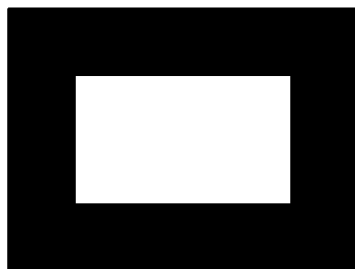
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1820

489

457

2263

1945

H-SECTIONS - SILICONE
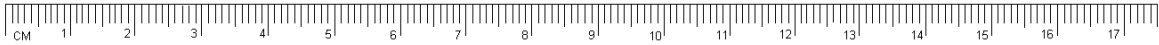
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875

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1971

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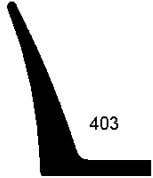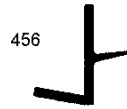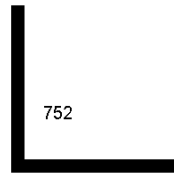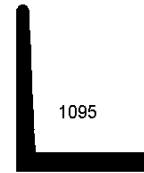1756

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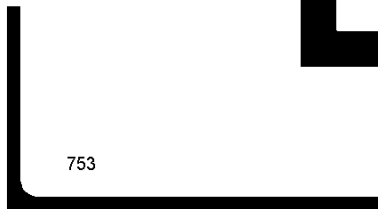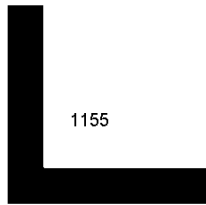# L-SECTIONS - SILICONE
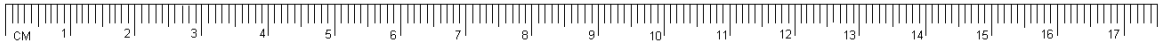
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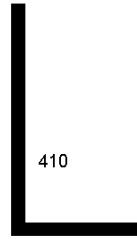
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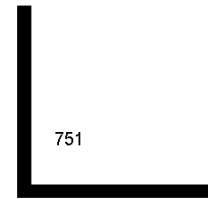
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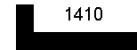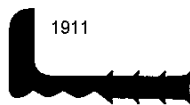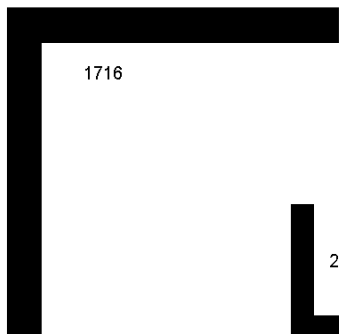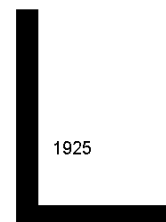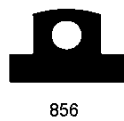
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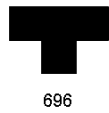
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T-SECTIONS (1) - SILICONE

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164

169

174

175

198

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227

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304

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310

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397

398

407

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871

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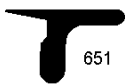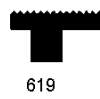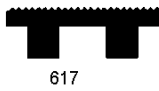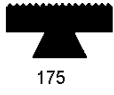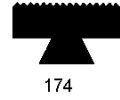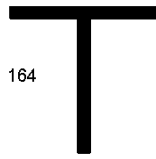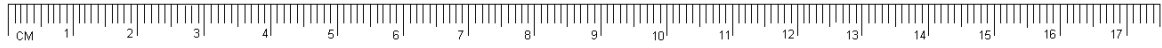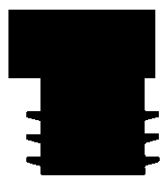
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1532

1602

1604

1692

1705

1711

1755

1793

1851

1852

1853

1854

1862

1891

1936

1948

1950

KEY-HOLE SECTIONS - SILICONE

11

85

343

351

371

378

385

428

454

504

558

591

599

670

768

787

951

986

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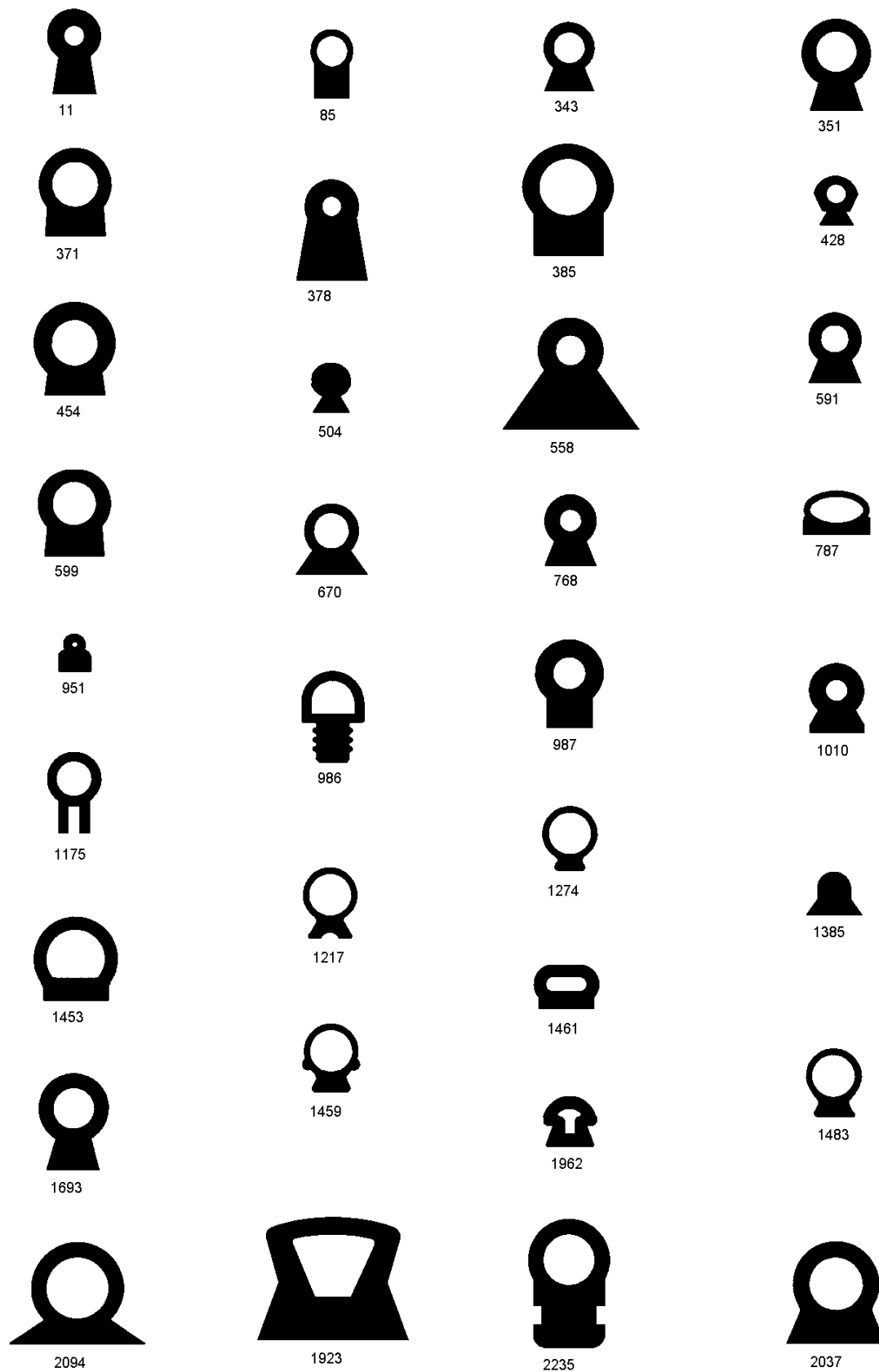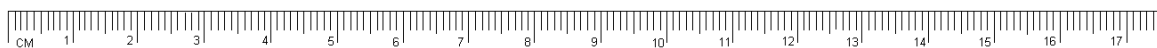
TRIANGLE SECTIONS - SILICONE

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377

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419

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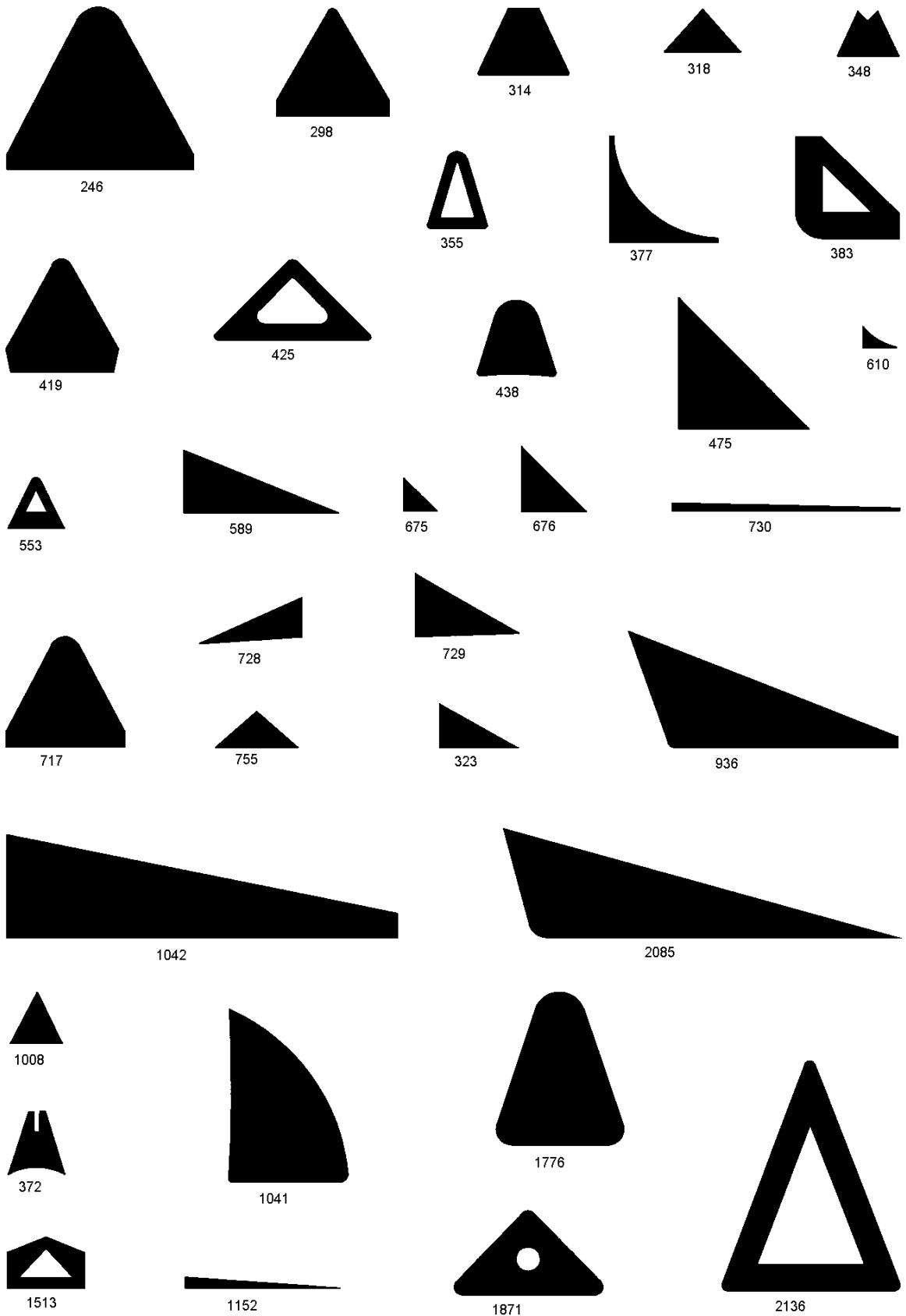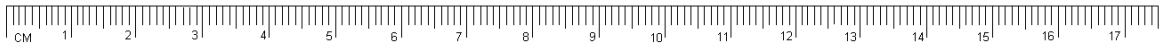
TRAPEZIUM SECTIONS - SILICONE

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82

341

342

476

416

391

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862

600

691

1100

881

460

726

831

967

1039

1167

834

1332

1372

1314

1336

1429

1337

1371

1487

1534

1539

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1956

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1977

1941

182

1345

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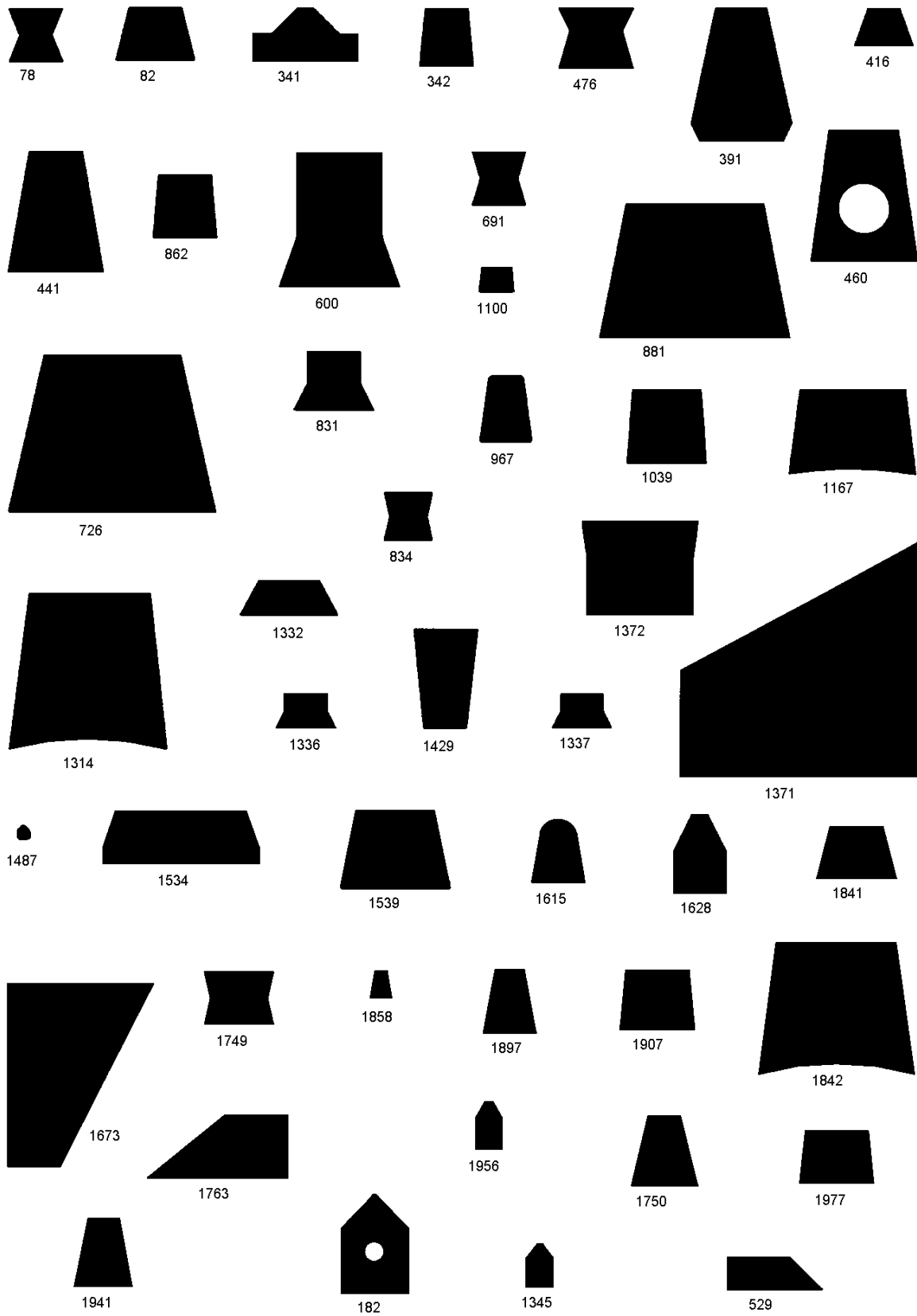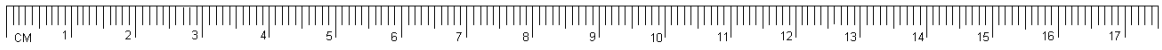
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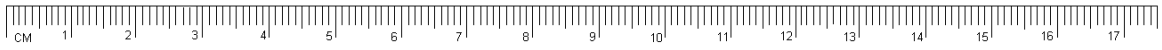
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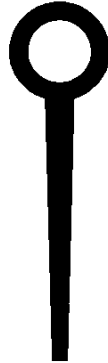
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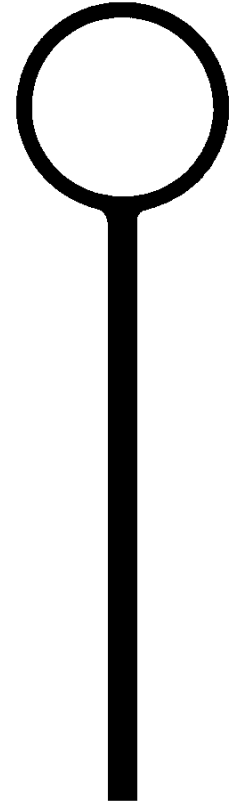
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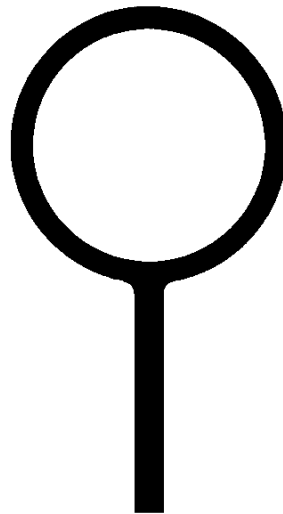
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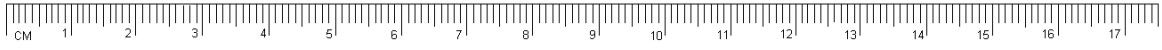
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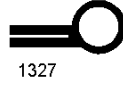
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1366 / 2767

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1768

1772 / 4934

2117

2240

1376

2224

2225

2248

OMEGA SECTIONS - SILICONE
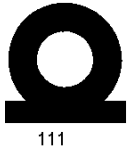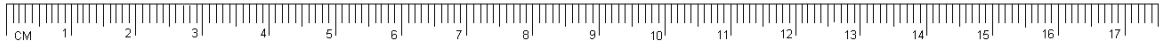
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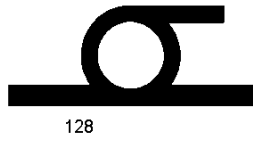
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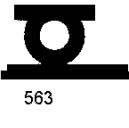
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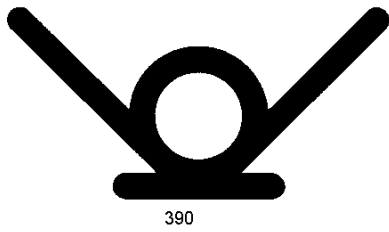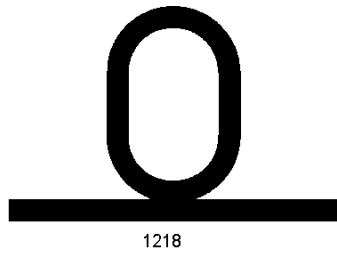
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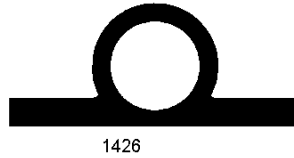
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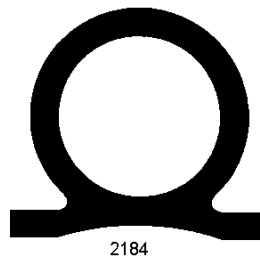
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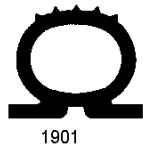
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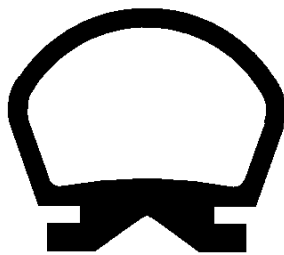
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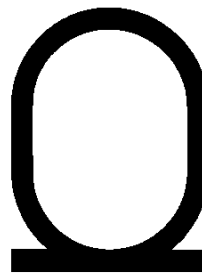
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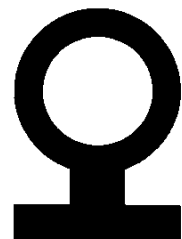
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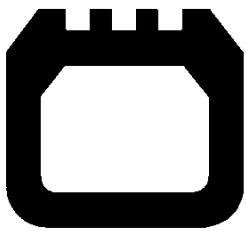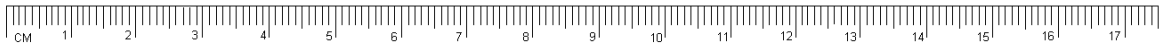
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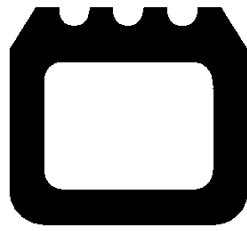
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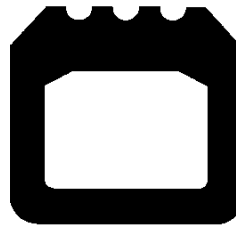
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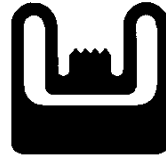
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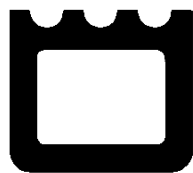
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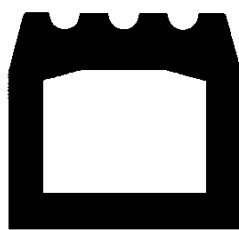
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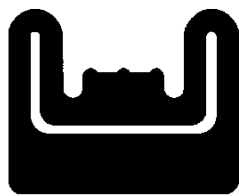
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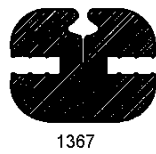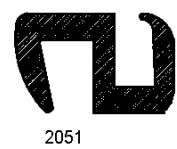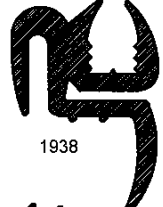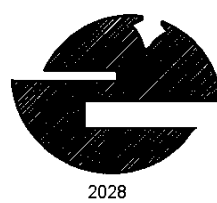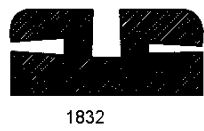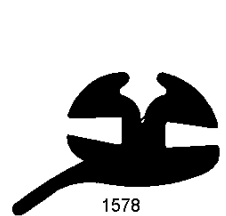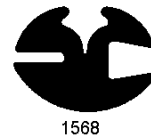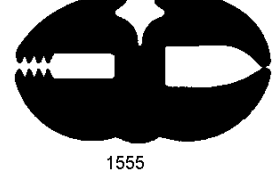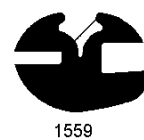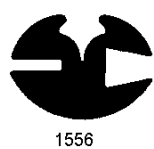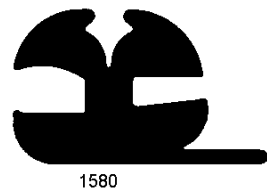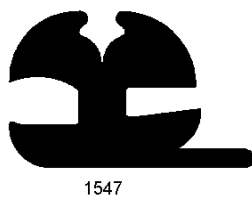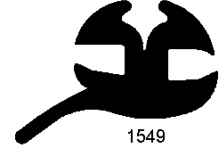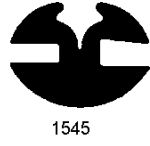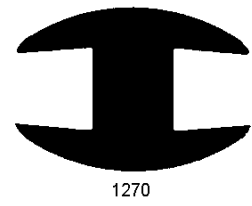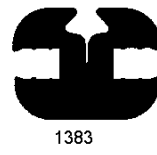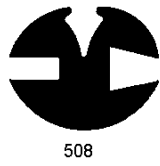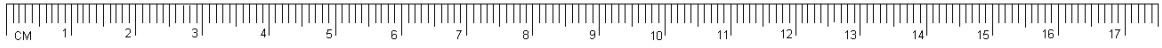
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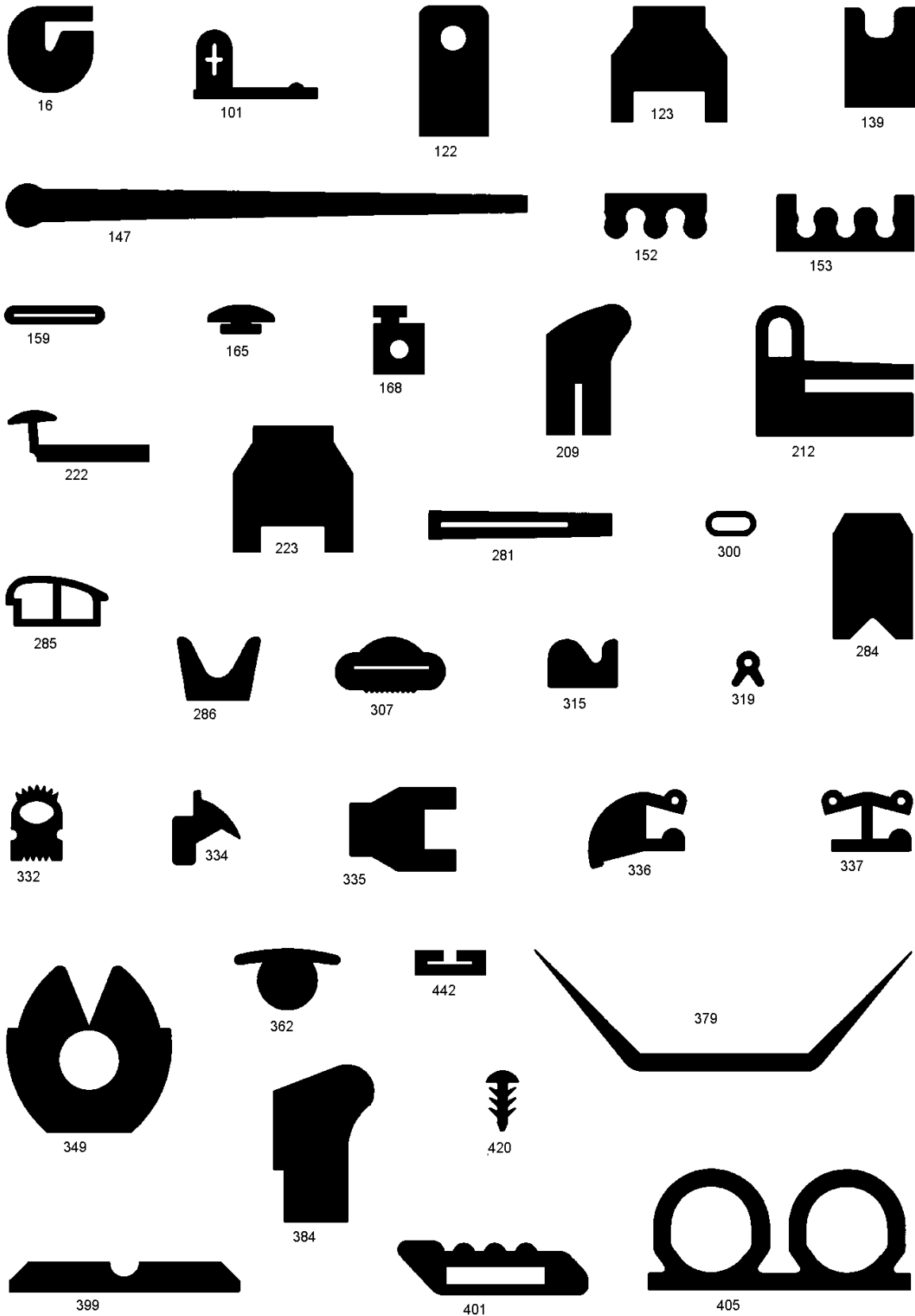
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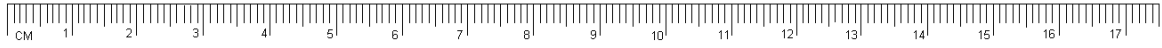
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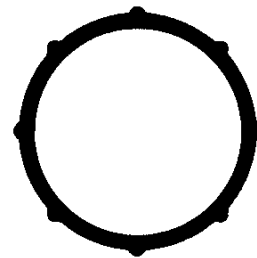
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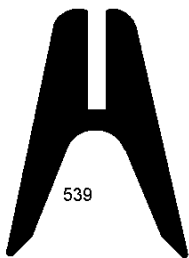
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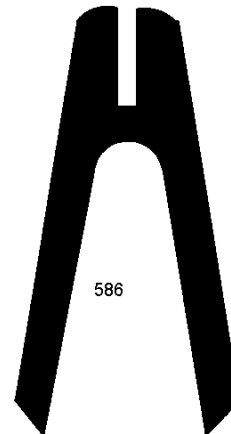
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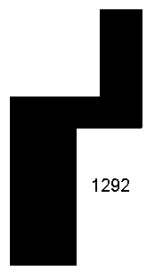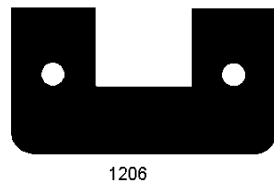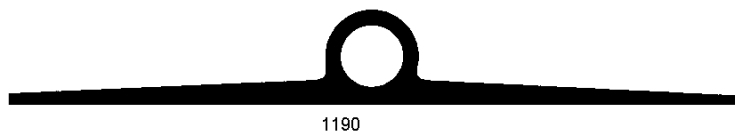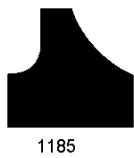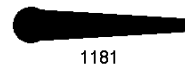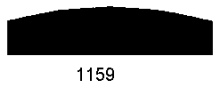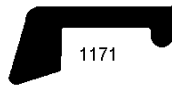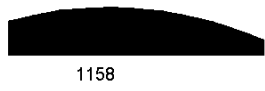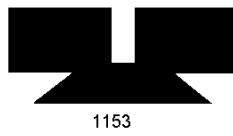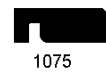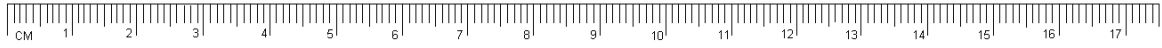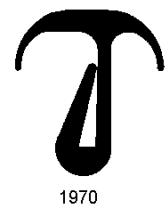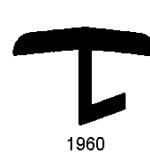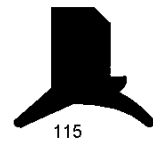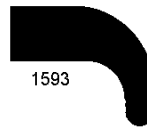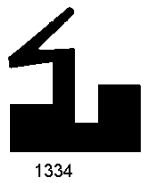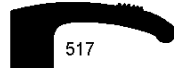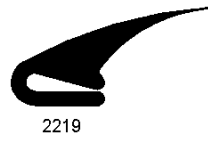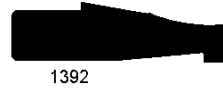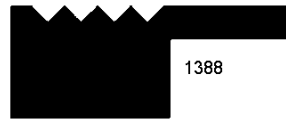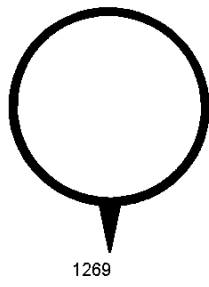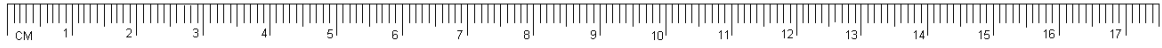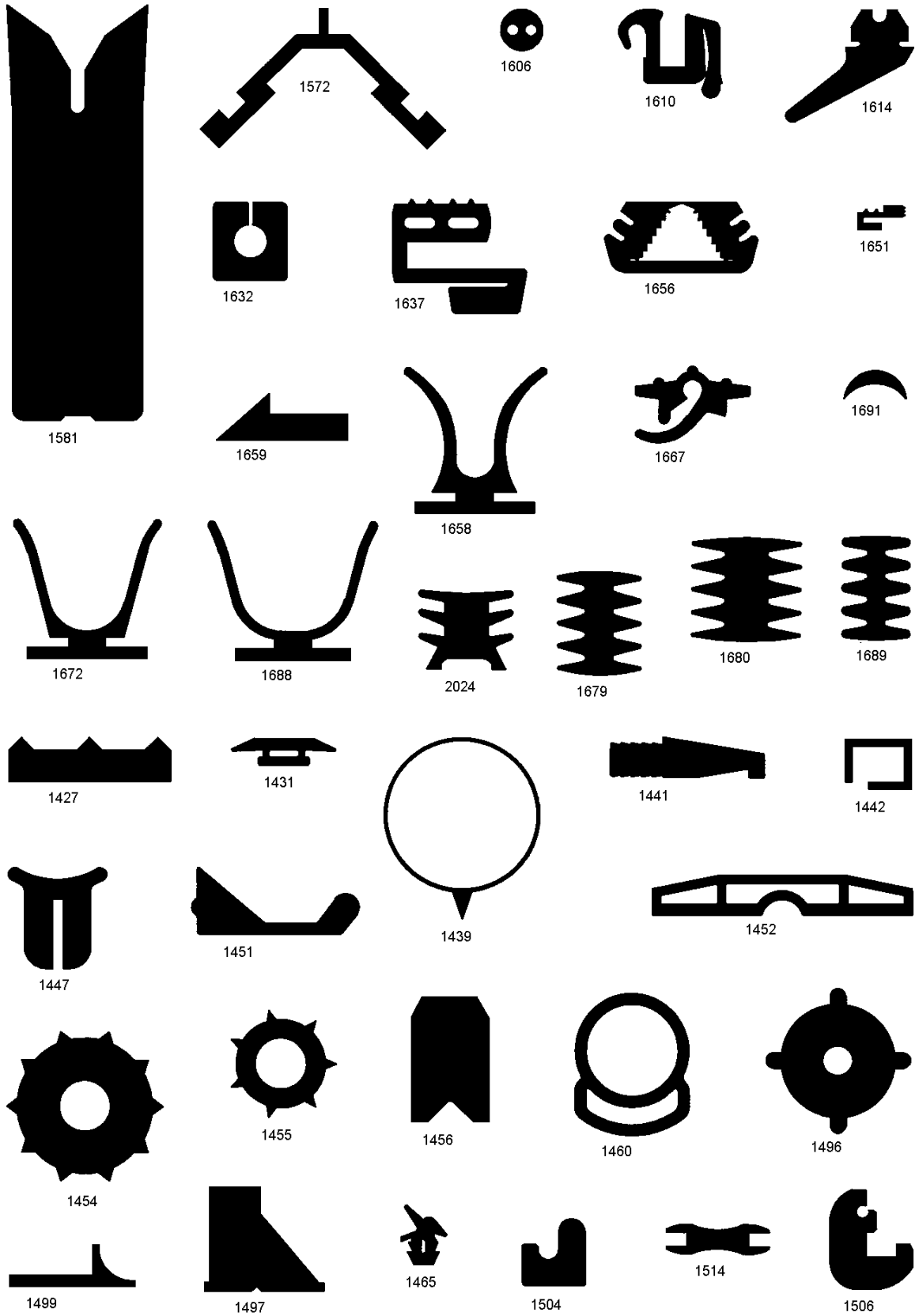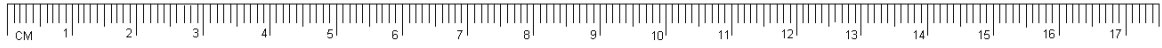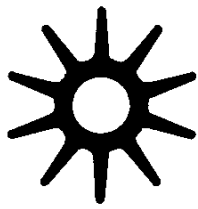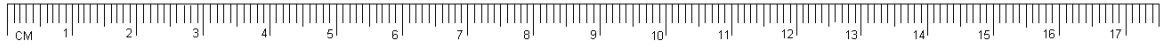
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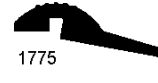
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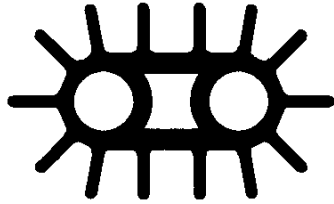
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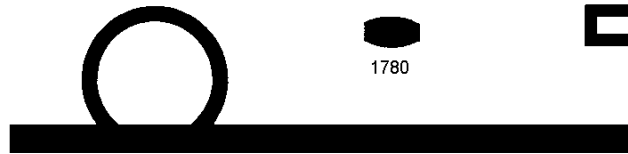
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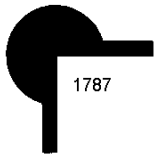
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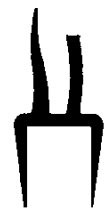
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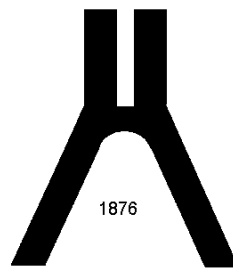
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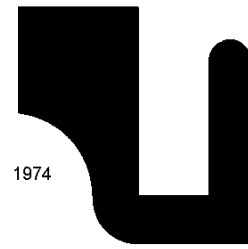
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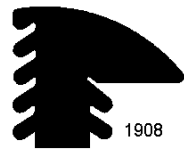
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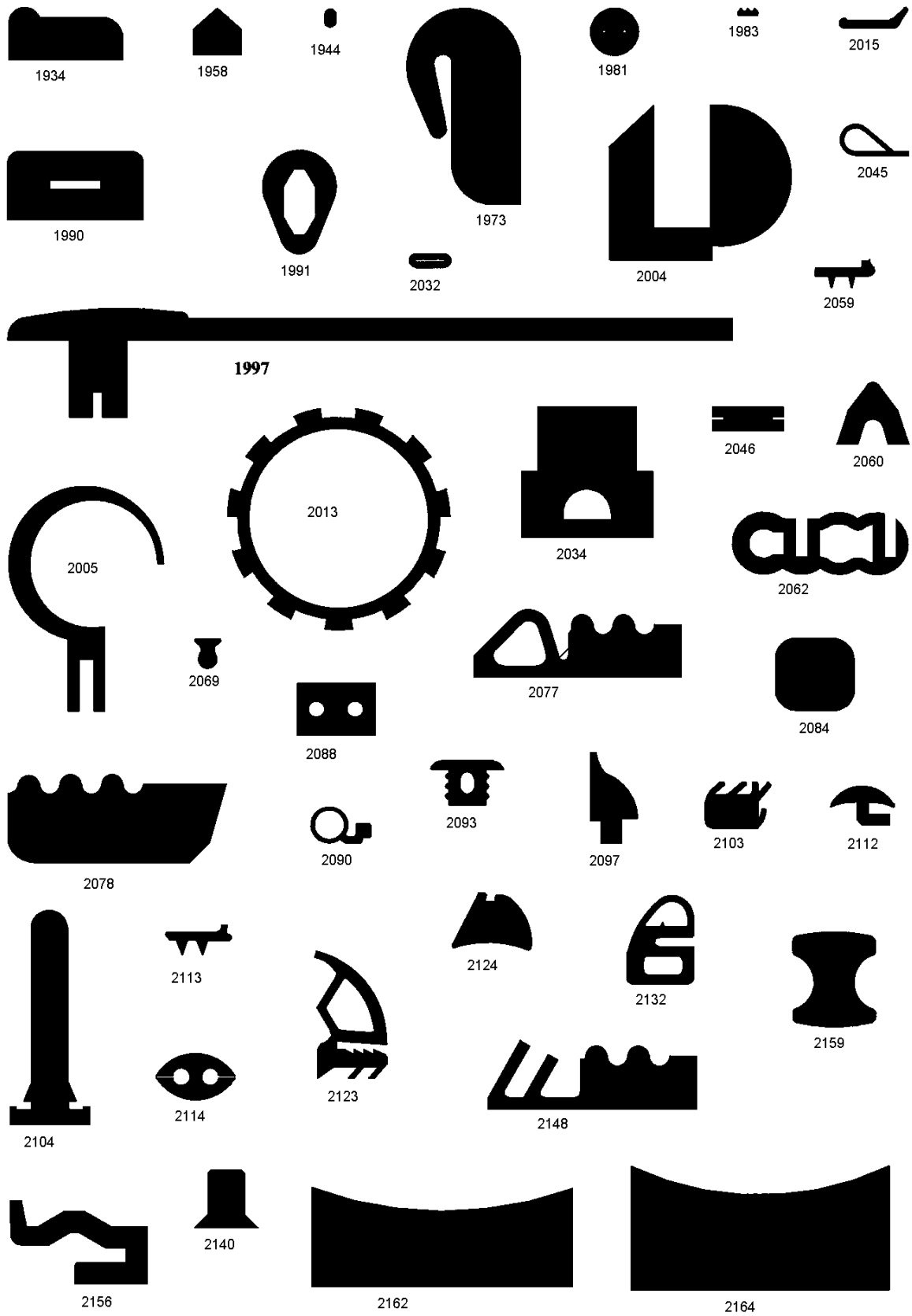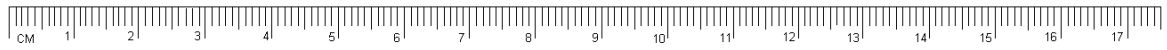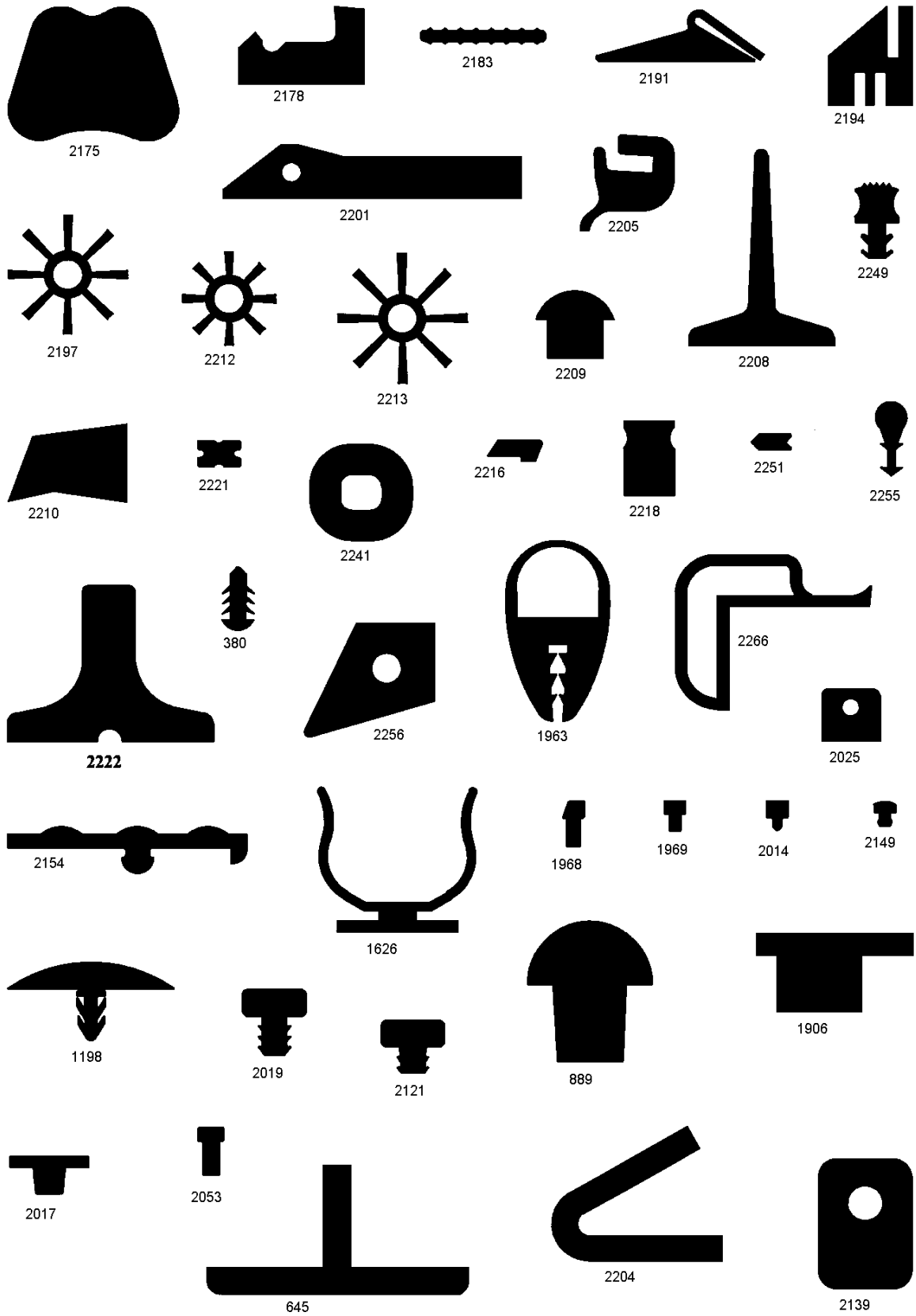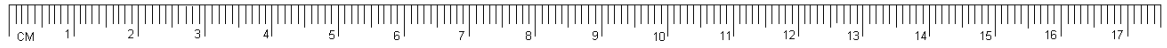
Foam Impact Protectors

These foam bumpers are designed to aid workforce safety within any workplace.

The variety of designs available means these strips can be used on any surface, frame work or edging where there is risk of injury through impact by the workforce.

Type 1 – Trapeze, 40 / 40   -   Self-adhesive fitting

Type 2 – Trapeze, 40 / 40   -   Self-adhesive fitting

Type 3 – Semi-circular 40 / 32   -   Self-adhesive fitting

Type 4 – Trapeze, 40 / 40 / 8   -   Push-on fitting

Type 5 - Semi-circular, 40 / 40   -   Self-adhesive fitting

Type 6 – Semi-circular, 40 / 40 / 8   -   Push-on fitting

Type 7 – Rectangle 60 / 20   -   Self-adhesive fitting

Type 8 – Trapeze 40 / 40 / 8   -   Push-on fitting

Type 9 – Right-angle, 30 / 30   -   Self-adhesive fitting

Features

- UV-resistant, yellow / black coated, high density foam, conforming to H & S regulations 1996

- Self-adhesive or push on fittings available

- Warns of potential danger and helps prevent impact injury

- Supplied in 1 metre lengths

- Can be glued using suitable heavy duty adhesives

Foam Impact Protectors
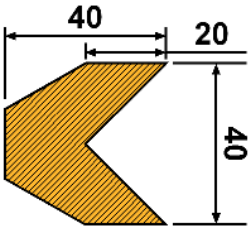
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Self-adhesive fitting
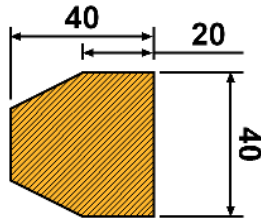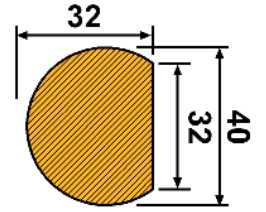
TYPE 2
TRAPEZE 40/40
Self-adhesive fitting

TYPE 3
SEMI-CIRCULAR 40/32
Self-adhesive fitting
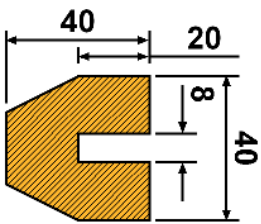
TYPE 4
TRAPEZE 40/40/8
Push-on fitting
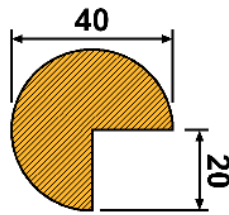
TYPE 5
SEMI-CIRCULAR 40/40
Self-adhesive fitting
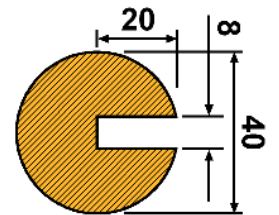
TYPE 6
SEMI-CIRCULAR 40/40/8
Push-on fitting
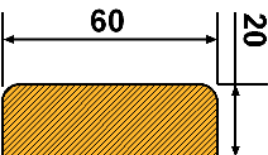
TYPE 7
Rectangle 60/20
Self-adhesive fitting
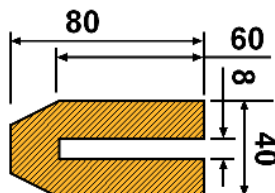
TYPE 8
TRAPEZE 40/80/8
Push-on fitting
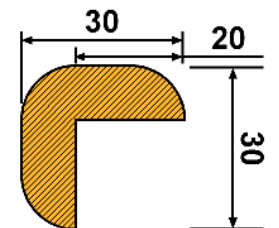
TYPE 9
RIGHT-ANGLE 30/30
Self-adhesive fitting

REINFORCED EDGE TRIMS (1)

PVC
1-3mm

RES 5001

RES 5002

RES 5003

RES 5004

RES 5005

RES 5006

RES 5007

RES 5008

RES 5009
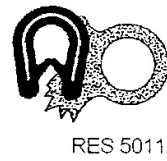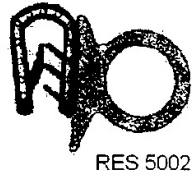
RES 5010

RES 5011

REINFORCED EDGE TRIMS (2)
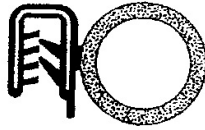
RES 5012

RES 5013

PVC

RES 5014
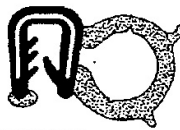
RES 5015

To suit
5mm panel

RES 5016

RES 5017
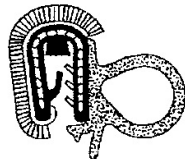
RES 5018

RES 5019

PVC
1-2.5mm

RES 5020

Rubber
8mm

RES 5021

RES 5022

REINFORCED EDGE TRIMS (3)

Rubber
5-7mm

RES 5023

RES 5024

Rubber
1-3mm

RES 5025

RES 5026
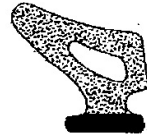
RES 5027

RES 5028
self-adhesive

RES 5029
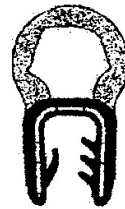
RES 5030

RES 5033
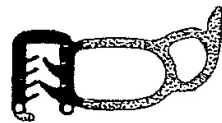
RES 5031

RES 5032

RES 5034

COMPRESSION SEALS

RES 5035

RES 5036

RES 5037

RES 5038
EO

RES 5039

RES 5040

RES 5041

RES 5042
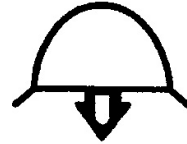
RES 5043

RES 5044

RES 5045

RES 5046
EO

RES 5047
EO

RES 5048
EO
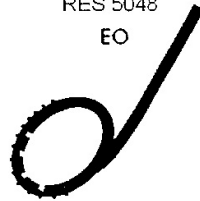
RES 5049
EO

FRIDGE SEALS

RES 5050
8 x 3.5mm
Magnet

RES 5051
8 x 3.5mm
Magnet

RES 5052
8 x 3.5mm
Magnet

RES 5053
8 x 3.5mm
Magnet

RES 5054
8 x 3.5mm
Magnet

RES 5055
8 x 3.5mm
Magnet

RES 5056
8 x 3.5mm
Magnet

RES 5057
MG7-A forms the hinge side
of a seal/gasket where the
other three sides use MG-7.

RES 5058
9.8 x 3.1mm
Magnet

RES 5059
8 x 3.5mm
Magnet

RES 5060
9.8 x 3.1mm
Magnet

RES 5061
8 x 3.5mm Magnet

RES 5062
9.8 x 3.1mm
Magnet

RES 5063
MG-12A forms the hinge side
of a seal/gasket where the
other three sides use MG-12.

RES 5064
Incorporates
Tri-Pole Magnet
9.8 x 3.1mm Magnet

RES 5065
9.8 x 3.1mm
Magnet,

RES 5066
9.8 x 3.1mm
Magnet

RES 5067
9.8 x 3.1mm
Magnet

RES 5068
8 x 3.5mm
Magnet

RES 5069
9.8 x 3.1mm
Magnet
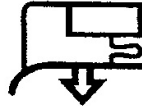
RES 5070
8 x 3.5mm
Magnet

RES 5071
8 x 3.5mm
Magnet
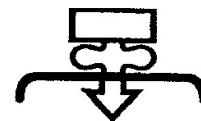
RES 5072
11.5 x 3.2mm Magnet

STANDARD WEATHERSTRIP SECTIONS (1)

RES 5073

GLASS 6mm
PANEL 1.5mm
OVERALL 29mm

RES 5074

GLASS 5mm
PANEL 1.5mm
OVERALL 24mm

RES 5075

GLASS 6mm
PANEL 3mm
OVERALL 24mm

RES 5076

GLASS 5mm
PANEL 3mm
OVERALL 20mm

RES 5077

GLASS 6mm
PANEL 6mm
OVERALL 28mm

RES 5078

GLASS 5mm
PANEL 5mm
OVERALL 22mm

RES 5079

GLASS 3mm
PANEL 3mm
OVERALL 21mm

RES 5080

GLASS 6mm
PANEL 3mm
OVERALL 29mm

RES 5081

GLASS 4.5mm
PANEL 3mm
OVERALL 24mm

STANDARD WEATHERSTRIP SECTIONS (2)

RES 5082

GLASS 6mm
PANEL 3mm
OVERALL 29mm

RES 5083

GLASS 6mm
PANEL 3mm
OVERALL 24mm

RES 5084

GLASS 9.5mm
PANEL 5mm
OVERALL 26mm

RES 5085

GLASS 6mm
PANEL 6mm
OVERALL 30mm

RES 5086

GLASS 6mm
PANEL 3mm
OVERALL 26mm

RES 5087

GLASS 8mm
PANEL 3mm
OVERALL 23mm

RES 5088

GLASS 6mm
PANEL 12mm
OVERALL 27mm

RES 5089

STANDARD

RES 5090

LARGE

RES 5091

CHROME

RES 5092

CHROME

SPONGE RUBBER
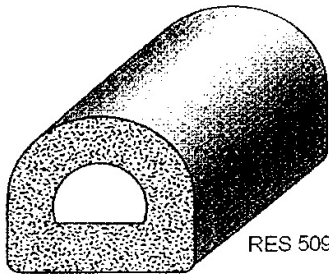
RES 5093
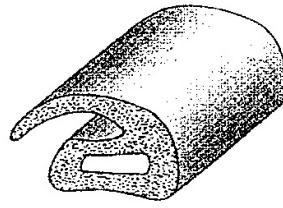
RES 5094
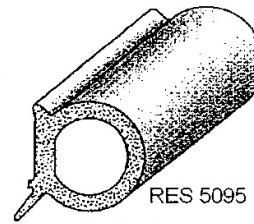
RES 5095
self-adhesive
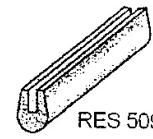
RES 5096
(MOQ 500M)
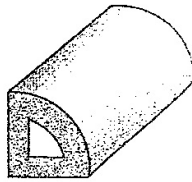
RES 5097
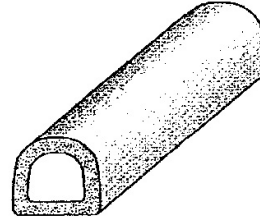
RES 5098
12mm x 10mm
self-adhesive
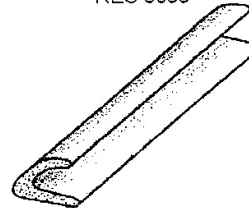
RES 5099
white
9mm x 4mm
self-adhesive
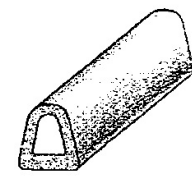
RES 5100
10mm x 8mm
self-adhesive
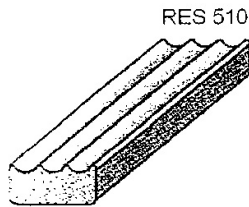
RES 5101
10mm x 5mm
black only
self-adhesive
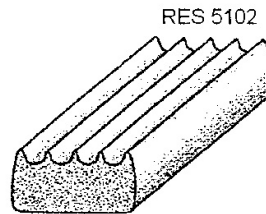
RES 5102
15mm x 8mm
black only
self-adhesive
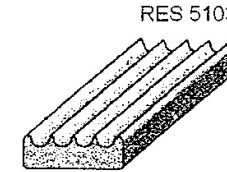
RES 5103
14mm x 4mm
black only
self-adhesive
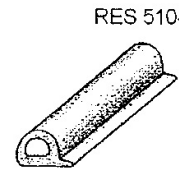
RES 5104
9mm x 5mm
black only
self-adhesive

also available in:
10mm x 5mm
brown or white

The above E-Strips are also available in:
3mm x 9mm, brown black or white
4mm x 9mm, brown black or white
4mm x 10mm, black or white

RES 5105
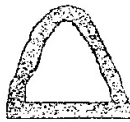
RES 5106
self-adhesive

RES 5107

RES 5108

RES 5109
self-adhesive

RUBBER EXTRUSIONS - MISCELLANEOUS

RES 5110

RES 5111

RES 5112

RES 5113

RES 5114

RES 5115

RES 5116

RES 5117

RES 5118

RES 5119

RES 5120

RES 5121

RES 5122

RES 5123

A fuller range of P-Strip style seals
is available. Please ask for details.

RES 5124

RES 5125

RES 5126

RES 5127
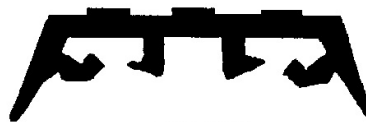
RES 5128

RES 5129

Blok-Kade D

Industrial Door Seal – Option 1 – Bottom of Roller Shutter Door

90° carrier

90° carrier

100mm

Supplied as:

40mm

40mm

in 1 metre, 2 metre
or 3 metre lengths
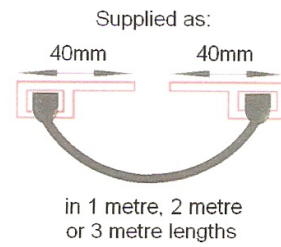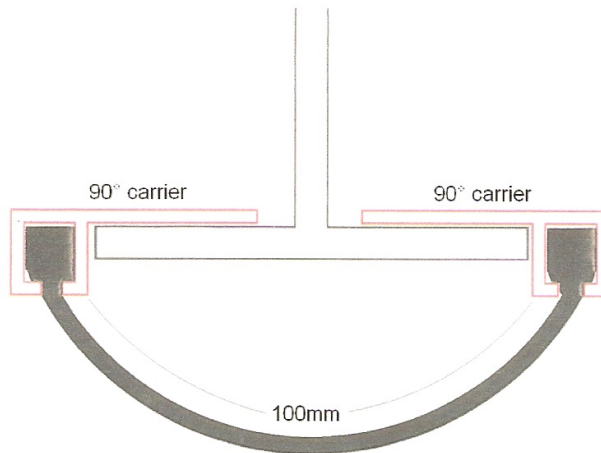
Industrial Door Seal – Option 2 – Insulated Door

180°
carrier

180°
carrier

100mm

Supplied as:

30mm,
40mm
or
100mm

in 1 metre, 2 metre
or 3 metre lengths
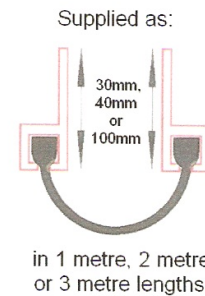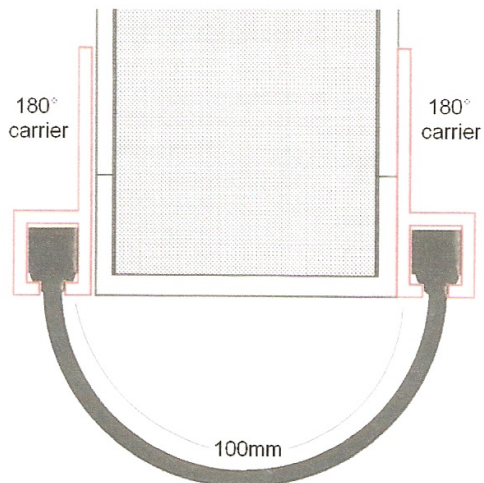
Features

* Seal consists of two pieces of mill finish aluminium carrier in 1.0, 2.0 or 3.0 metre lengths

* Complete with black EPDM Blade supplied continuous for each door

* Easily compressed   * Stops rubbish ingress   * Stops water penetration

* Operating temperature range of -45 degrees C to +135 degrees C (WILL NOT FREEZE)

Blok-Kade Blade & Blok-Kade Bubble

For example:

Blok-Kade Blade   Blok-Kade Bubble   Carriers available:

40mm

Various sizes
available from
15mm to 100mm

3mm

40mm

50mm

25mm

4mm

100mm

40mm

180° carrier

30mm

90° carrier

27mm

45° carrier

40mm

PLEASE NOTE - Drawings not to scale
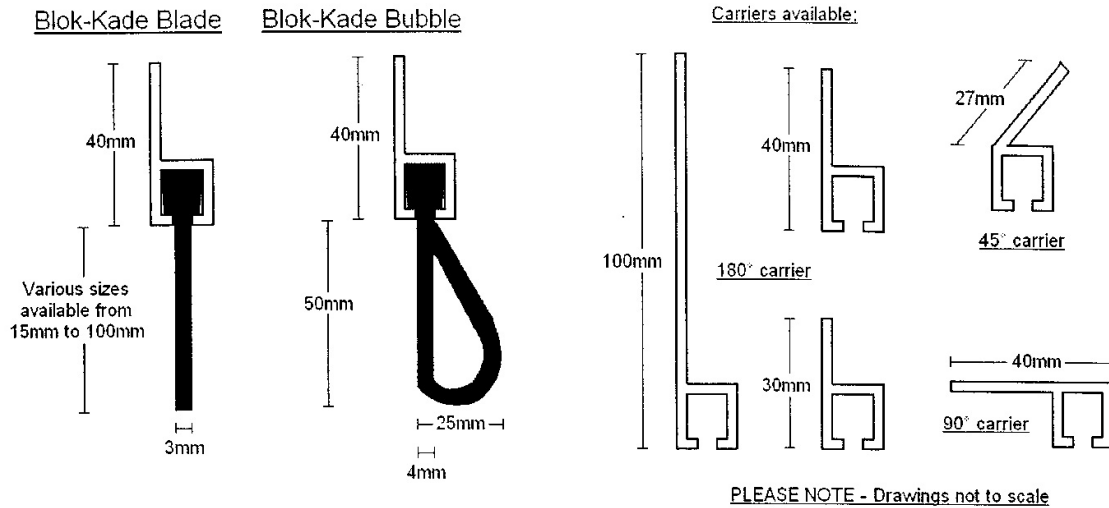
Blok-Kade Blade – features:

* The blade can be supplied in black EPDM (Ethylene Propylene Diene Monomer)
– an elastomer which offers a wide range of application

* It can also be supplied in white silicone (red, fluorescent orange, blue, green or yellow silicone also available subject to MOQ) which can be steam cleaned and is ideal for high temperatures to 200°C

* Seal consists of your specified blade in aluminium carriers supplied in 1.0, 2.0, 2.5 or 3.0 metre lengths

* Blade trim sizes: 15mm, 25mm, 30mm, 35mm, 40mm, 50mm, 60mm, 70mm, 80mm, 90mm or 100mm

* Ideal for draughtproofing under soffits on industrial doors

* Scraper/wiper for conveyors

* Can be cut with a hand-knife to trim further

* Operating temperature range of -45 degrees C to +135 degrees C (WILL NOT FREEZE)

Blok-Kade Bubble – features:

* The bubble is supplied in black EPDM in an aluminium carrier in 1.0, 2.0, 2.5 or 3.0 metre lengths

* Ideal for outward opening doors – butt joint each side

* Fit to base of sectional doors

* A very heavy duty, up and over garage door seal

Angled EPDM Blade and Straight Silicone Blade

15mm Angled
EPDM Blade

22mm Angled
EPDM Blade

10mm Silicone
Blade

20mm Silicone
Blade
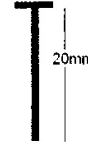
15mm

22mm

10mm

20mm

The above seals will fit into any of our carriers as follows:

18mm

Aeroguard

(available in
PVC or aluminium)

10mm

**Aeroguard
Minor**

(available in
PVC only)

23mm

**Aeroguard
Wide**

(available in
aluminium only)

10mm

**Trimguard
(PVC)**

18mm

Mantonite

(available in
aluminium only)

15mm

**Trimguard
HD Wide**

(available in
PVC only)

15mm

**Trimguard
(Aluminium)**

For example:

21mm

**Metal Window
Seal**

(available in
PVC or aluminium)

35mm

MWS35

(available in
aluminium only)

25mm

Multiguard

(available in
PVC or aluminium)

7mm

5.5mm

Modjob

(available in
aluminium only)

**Aeroguard with
15mm Angled
EPDM Blade**

**Aeroguard with
20mm Silicone
Blade**

Features

* Seal consists of your specified carrier and 10mm or 20mm Straight Silicone Blade
or 15mm or 22mm black EPDM Blade as required

* Aluminium carriers can be pop-riveted into place, supplied pre-drilled for acceptance of screws or
can be supplied with double-sided self-adhesive tape

* PVC carriers can be pinned into place or can be supplied with double-sided self-adhesive tape

* Permanent flexible seal – remains soft

* EPDM Blade has an operating temperature range of -30 degrees C to + 80 degrees C

* Silicone Blade has an operating temperature range of -50 degrees C to +220 degrees C

* Soft scraper/wiper for conveyors   * Ideal for draughtproofing garage doors

* Can be used to seal shower doors   * Cable management (use in pairs)

THIS IS A SELECTION OF SOME OF OUR PARTS IN TPR,
EPDM AND SILICONE , TRADE ENQUIIRES FROM EXISTING
DIES OR NEW PROPOSALS WELCOME

SEE: www.rubber-extrusions-seals.co.uk

PLEASE DO NOT SCALE,THIS IS A QUICK SKETCH
OR AN ENHANCED COPY TO SHOW DETAIL
THE STATED MEASUREMENTS ARE CORRECT

GEORGE CULLEY

TEL: 0161 622 0020 FAX : 0161 622 0010

over 1500 profiles

5.50 DIA

6.50

ADHESIVE BACKED
BROWN OR WHITE
5.50 DIA 6.5 MM FOOT
TPE

10.00

5.0

1.0

CURRENTLY BLACK
RESL SILICONE DIE 1353
TRANSLUCENT COULD
BE MADE TO ORDER

20.00

5.0

1.0
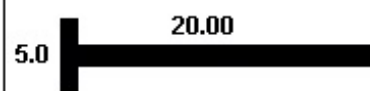
CURRENTLY BLACK
RESL SILICONE DIE 1354
TRANSLUCENT COULD
BE MADE TO ORDER

---

15 MM

5.0

15.00

1.0
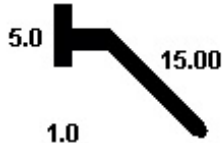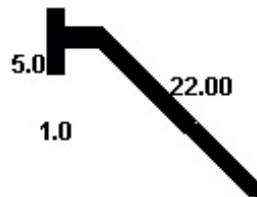
ANGLED EPDM BLADE
EPDM BLACK ONLY

22.00 MM

5.0

22.00

1.0

ANGLED EPDM BLADE
EPDM BLACK ONLY

FIN OR NO FIN

3.00 MM TO
15.00 MM

7.00
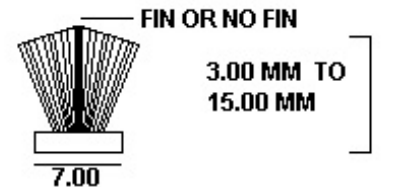
RESL SELF ADHESIVE PILE SEALS
MADE TO ORDER
WHITE , BLACK , GREY ,BROWN
MANY PLAIN SECTIONS EX STOCK

6.00

13.00

RESL P241

EPDM BLACK ONLY

14.00

5.10
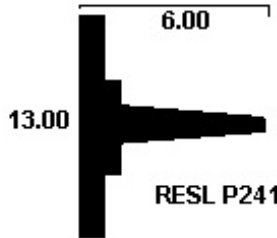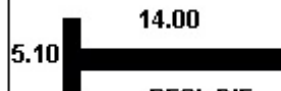
RESL DIE
P329

1.0

RESL DIE NO 11727
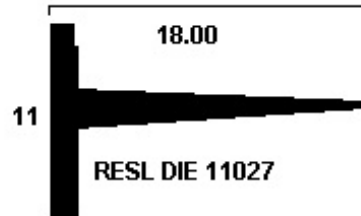
EPDM BLACK ONLY

18.00

11

RESL DIE 11027

EPDM BLACK ONLY

8.50

5

RESL THERMOBUBBLE
WHITE
BLACK
TRANSLUCENT
OTHER COLOURS TO ORDER
(MANY OF OUR CARRIERS FIT)
SILICONE
FROM -50 DEGREES
TO 200 DEGREES C

---

apply
RTV108

RESL DIE NO 9710

RESL UNIVERSAL GLASS DOOR SEAL

TRANSLUCENT SILICONE BOND WITH
RTV SILICONE

RESL INDUSTRIAL PREMIER BRUSH STRIP RANGE
A FULL RANGE FROM 5 MM TO 300 MM

RESL
SELF
ADHESIVE
FOAM STRIPS

SILICONE, NEOPRENE,EPDM,SOFT PVC

MATERIAL DATA SHEET/PROPERTIES – EXTRUDED EPDM

NOMINAL 70 IRHD VULCANISED EPDM

BS 4255: PART 1: 1986 GRADE C

NOMINAL 80 IRHD VULCANISED EPDM

BS 4255: PART 1: 1986 GRADE D

DESCRIPTION	TYPICAL VALUE	SPECIFICATION REQUIREMENT	DESCRIPTION	TYPICAL VALUE	SPECIFICATION REQUIREMENT
Hardness IRHD	72	76 – 85	Hardness IRHD	81	76 – 85
Tensile Strength Mpa	11.2	10.5 min	Tensile Strength Mpa	11.4	10.5 min
Elongation at break %	300	150 min	Elongation at break %	210	150 min
Compression Set %			Compression Set %		
22 hrs @ 70°C	19	25	22 hrs @ 70°C	10	25
Heat Ageing 70 hrs @ 100°C			Heat Ageing 70 hrs @ 100°C		
Change in Tensile Strength %	-5	-5 max	Change in Tensile Strength %	+12	-15 max
Change in Elongation %	-18	-40 max	Change in Elongation %	+19	-40 max
Change in Hardness IRHD			Change in Hardness IRHD	+3	+10
Resistance to Ozone 100pphm	No cracks	No cracks at x2 magnification	Resistance to Ozone 100pphm	No cracks	No cracks at x2 magnification
Low Temperature 7 days @ -10°C	+6	+12 max	Low Temperature 7 days @ -10°C	+6	+12 max

E & OE   DATA-7

TECHNICAL DATA SHEET – FLAME RETARDANT CELLULAR SILICONE ELASTOMER

GRADES: SE510FR UL94VO & SE515FR UL94VO – TEMPERATURE RANGE: -60°C TO 200°C

AVAILABILITY

The FR range of cellular silicone elastomers are available as sheeting, profile extrusions, jointed rings, self-adhesive backed, strip and punchings. They are particularly suited to use in high temperature seals and gaskets, where a soft, easily deformed rubber is required and where public safety is critical. Sheeting is available in standard rolls of width 1M and length 10M. Other widths or lengths can be produced upon request. The scope of the UL approval for these products limits the minimum dimensions and colours that can be manufactured.

SPECIFICATIONS

These products have been specifically formulated for and hold approval to the flammability requirements of the UL94VO specification. The UL file number for these materials is E23S077. As VO is the most demanding of the UL vertical burn tests, these grades may also be used in applications where V1 or V2 rating is required.

MECHANICAL PROPERTIES

Property	SE510FR	UL94VO	SE515FR	UL94VO	Test Method
Density (kg m3)	160 +/-30	169	220 +/-30	218	BSENISO 845
	360 +/-60	310	400 +/-60	404	* 25mm sample
					* 3mm sample
Compression Stress (kPa) 40% strain	30 +/-20	140	70 +/-20	68	BSENISO 3386 Part 1
Compression Set (%) 24 hours at 70°C	20 max	12	15 max	10	BSENISO 1856 Type A

* The density of sponge varies with the thickness of the product. As the thickness decreases the density increases. For more information relating to the apparent density of any specific thickness please do not hesitate to contact us.

E & OE   DATA-6

MECHANICAL PROPERTIES FOR SILICONE SPONGES – EXTRUDED AND SHEET

Property	Units	SE510 Spec'n Limits	SE510 Typical Value	SE515 Spec'n Limits	SE515 Typical Value	SE524 Spec'n Limits	SE524 Typical Value	SE533 Spec'n Limits	SE533 Typical Value	Test Method
*Density	Kg.m^{-3}	200 +/-40	195	250 +/-40	256	400 +/-40	400	530 +/-40	400	BSENISO 845
**Hardness	Shore OO ****Shore A	35 +/-5 <5	35	45 +/-5 5 +/-2	45	65 +/-5 17 +/-3	64	80 +/-5 30 +/-10	82	ASTM D2240
***Compression Stress 40% strain	kPa	50 +/-10	50	90 +/-40	90	160 +/-40	160	580 +/-150	584	BSENISO 3386 Part 1, 2
Tensile Strength	N.mm^{-2}	0.5 min	0.9	0.75 min	1.2	1.0 min	1.6	1.5 min	3.2	BSENISO 1798
Elongation to Failure	%	75 min	120	100 min	200	75 min	150	100 min	190	BSENISO 1798
Compression Set 22 hours @ 70°C	%	20 max	16	15 max	10	15 max	10	15 max	10	BSENISO 1856 Type A

*   Density measured on 25mm diameter cord sample. The density of samples of different sizes will be different from that stated here.
**   Hardness measured on 10mm thick samples. At less than 10mm the measured hardness will increase with density.
***   Compression Stress measured on 25mm thick sample. The compressive stress of the material increases with the density as the sample thickness is reduced.
****   It is not possible to perform a Shore A hardness test on sponge material. These values are provided as a guideline for comparison to solid materials and as such are not designed for use in specifications.

For further information about physical properties for other sample sizes, please contact our technical department.

E & OE   DATA-5

TECHNICAL DATA SHEET – CELLULAR SILICONE ELASTOMER

GRADES: SE510 SE515 SE524 & SE533 – TEMPERATURE RANGE: -60°C TO 200°C

AVAILABILITY

The SE range of cellular silicone elastomers is available as profile extrusions, jointed rings, sheeting, which can be self-adhesive backed, strip and punchings. They are particularly suited to use in high temperature seals and gaskets, where soft, easily deformed rubber is required. There is a full range of standard colours available and we have the capability to colour match to customer requirements. Sheeting is available in standard rolls of width 1M: other widths can be produced upon request.

SPECIFICATIONS

These products meet the flammability requirements of FAR 25.853 (a) (1) (iv) and (a) (1) (v) horizontal flammability tests. The sponge is predominately-closed cell with low water absorption.

GENERAL CHARACTERISTICS FOR SILICONE RUBBER

Brittle point	-80°C (-112°F)	ASTM D746
Limiting Oxygen Index	24.0%	BS 2872 Part 1
Thermal Conductivity	0.24 W.m^{-1}, K^{-1}	VDE 0304
Radiation Resistance	>10^5 Grays (10^7 Rads) typical	
Dielectric Strength	23 Kv.mm^{-1}	VDE 0303
Dielectric Constant	2.9	VDE 0303
Dissipation Factor @ 50 c/s	3×10^{-4}	VDE 0303
Volume Resistivity	3×10^{15} .cm	VDE 0303

ENVIRONMENTAL RESISTANCE

Silicone rubber products have an excellent resistance to ozone, oxidation, ultraviolet light, corona discharge, cosmic radiation, ionising radiation and weathering in general. Silicone rubber products produce very low levels of toxic fume when burnt. During testing to ATS 1000.001 none of the following gases were produced in detectable amounts: HCN, CO, NO, NO_2, SO_2, -$H_2$5, HF, HCI.

E & OE   DATA-4

MECHANICAL PROPERTIES FOR SOLID SILICONE – MOULDED AND EXTRUDED

Property	Units	SE40 Spec'n Limits	SE40 Typical Value	SE50 Spec'n Limits	SE50 Typical Value	SE60 Spec'n Limits	SE60 Typical Value	SE70 Spec'n Limits	SE70 Typical Value	SE80 Spec'n Limits	SE80 Typical Value	Test Method
Hardness	Sh A	40 +/-5	40	50 +/-5	50	60 +/-5	60	70 +/-5	70	80 +/-5	80	ASTM D2240 DIN 53505
Tensile Strength	Mpa	40 min	7.0	5.5 min	8.0	5.5 min	7.9	5.5 min	7.6	5.5 min	7.8	BS 903 pt A2 DIN 53504 die S1
	Psi	580 min	1015	798 min	1160	798 min	1146	798 min	1102	798 min	1131	ASTM D412 die C
Elongation to Failure	%	300 min	450	250 min	370	250 min	340	200 min	320	200 min	300	BS 903 Pt A2 DIN 53504 die S1 ASTM D412 die C
Tear Strength	N/mm	8.5 min	10.2	10.0 min	12.8	12.5 min	14.2	21.5 min	14.4	10.0 min	13.2	BS 903 pt A3 die C
	Lb/in	48.5 min	73.1	57.1 min	81.1	71.4 min	903	71.4 min	91.4	57.1 min	82.2	ASTM D624 die C
Compression set												SBS 903 pt A6 Type B
24hrs @ 150°C	%	35 max	25	30 max	15	30 max	13	30 max	9	30 max	19	DIN 53517 type II
22hrs @ 300°F	%	25 max	22	30 max	16	30 max		30 max	10	30 max	19	ASTM D395 method B type 2

Other information regarding the physical properties of these materials is available on request.

E & OE   DATA-3

TECHNICAL DATA SHEET - GENERAL PURPOSE SILICONE RUBBER

GRADES: SE40 SE50 SE60 SE70 & SE80 - TEMPERATURE RANGE: -60°C (-76°F) TO 230°C (446°F)

AVAILABILITY

The range of Silicone Rubbers is available in the form of mouldings and profile extrusions, which can be jointed or self-adhesive backed. They are particularly suited to use in oven door seals and gaskets, and are suitable for use in the food and beverage industry. There is a full range of standard colours available, including transparent and we have the capability to colour match to customer requirements.

SPECIFICATIONS

Translucent, white, blue and red iron oxide variants contain only ingredients that are listed by the American Food and Drugs Administration (FDA) under the 21 CFR number 177-2600. These products meet the flammability requirements of FAR 25.853 (a) (1) (iv) and (a) (1) (v) horizontal flammability tests.

GENERAL CHARACTERISTICS FOR SILICONE RUBBER

Brittle point	-80°C (-112°F)	ASTM D746
Limiting Oxygen Index	24.0%	BS 2872 Part 1
Thermal Conductivity	0.24 $W.m^{-1}, K^{-1}$	VDE 0304
Radiation Resistance	$>10^5$ Grays (10^7 Rads) typical	
Dielectric Strength	23 $kV.mm^{-1}$	VDE 0303
Dielectric Constant	2.9	VDE 0303
Dissipation Factor @ 50 c/s	$3x10^{-4}$	VDE 0303
Volume Resistivity	$3x10^{15}$ .cm	VDE 0303

ENVIRONMENTAL RESISTANCE

Silicone rubber products have an excellent resistance to ozone, oxidation, ultraviolet light, corona discharge, cosmic radiation, ionising radiation and weathering in general.

E & OE   DATA-1

IF YOU HAVE A DRAWING, SKETCH OR A SPECIFICATION WHY NOT ASK US FOR A QUOTATION.

IF WE DO NOT HAVE AN EXACT DIE TO PRODUCE THE EXTRUSION YOU NEED WE CAN MANUFACTURE THE TOOLING IN HOUSE AND PRODUCE A SMALL SAMPLE FOR APPROVAL PRIOR TO RECEIVING A BULK ORDER.

WE CAN EXTRUDE ANY SILICONE SHAPE. / MOST DIES ARE AVAILABLE WITHIN 2-3 WEEKS.

PLEASE DO NOT FORGET TO ADVISE US OF YOUR NAME, COMPANY NAME, ADDRESS, TELEPHONE NUMBER AND FAX NUMBER.

IT WOULD BE HELPFUL TO US IF YOU COULD ADVISE SIZES, MATERIAL, FABRICATION REQUIRED, COLOUR, QUANITY REQUIRED AND FREQUENCY OF ORDER.

WE WELCOME YOUR VALUED ENQUIRIES.

WE MAY BE ABLE TO SAVE YOU MONEY ON YOUR EXISTING PARTS OR SECTIONS.

SEND US YOUR ENQUIRIES – WE WELCOME THE CHALLENGE ! ! !

* *

GEORGE CULLEY (Rubber & Plastics)

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