GQI

Flexible Connection Catalog

Flexible fittings, connections, hoses, and accessories for industrial dry bulk material processes



Grand Quest Industries LLC

Innovative Solutions. Reliable Support. Always a Step Ahead.

Standard Configurations, Ready to Ship

This list covers the standard Filcoflex configurations GQI supplies on quick ship: the most common sizes, lengths and materials, part-numbered. They are a starting point, not a limit. Much of Filcoflex's value is in custom work, and custom configurations are welcome.

Build your own

Other lengths, mixed end sizes, offsets, reducers, other materials and end connections

configurator.gqind.com

Finding a standard part

1
Connection
Sealed-in, pressed-on, tri-clamp or plain end

2
Material
Grade and wall thickness

3
Diameter
Find your size in the rows

4
Length
Find your length in the columns

5
P/N
Read the GQI part number

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FLEXIBLE MATERIALS

Flexible Materials

Every standard connection in this list is built from one of the materials below. Polyurethane grades cover most dry bulk applications. Thinner grades transfer the least force and suit weighing and dosing. Thicker grades add pressure capacity and wear life. Rubber and silicone grades cover higher temperatures, conductivity and specific chemical needs.

Material	Wall	Temperature	Pressure rating	Electrostatic
Polyurethane PU-UF03	0.012″ (0.3 mm)	-40 to 194 F (-40 to 90 C)	Atmospheric only. For weighing and dosing.	Not published
Polyurethane PU-UF07	0.028″ (0.7 mm)	-40 to 194 F (-40 to 90 C)	Up to +2.9 psi (+0.2 bar) at 140 F (60 C) max.	Not published
Polyurethane PU-UF1	0.039″ (1.0 mm)	-40 to 194 F (-40 to 90 C), surge to 248 F (120 C)	-2.9 to +4.9 psi (-0.2 to +0.34 bar)	Surface 5×10^{12} Ω · Volume 3×10^{11} Ω·m
Polyurethane PU-UF3	0.039″ (1.0 mm)	-40 to 194 F (-40 to 90 C)	-2.9 to +5.0 psi (-0.2 to +0.34 bar) up to 194 F (90 C)	Surface 5×10^{12} Ω
Polyurethane PU-UF15	0.059″ (1.5 mm)	-40 to 194 F (-40 to 90 C)	-2.9 to +5.0 psi (-0.2 to +0.34 bar) up to 194 F (90 C)	Surface 5×10^{12} Ω · Volume 3×10^{11} Ω·m
EPDM White	0.039 or 0.079″ (1.0 or 2.0 mm)	-13 to 212 F (-25 to 100 C)	Vacuum to -2.9 psi (-0.2 bar) · pressure to +5.0 psi (+0.34 bar)	Not published
EPDM Black Conductive	0.039 or 0.079″ (1.0 or 2.0 mm)	-22 to 266 F (-30 to 130 C)	Vacuum to -2.9 psi (-0.2 bar) · pressure to +5.0 psi (+0.34 bar)	Conductive, below 10^6 Ω
Natural Gum Rubber	0.039 or 0.079″ (1.0 or 2.0 mm)	-40 to 158 F (-40 to 70 C)	-2.9 to +4.4 psi (-0.2 to +0.3 bar)	Not published
Silicone, White / Translucent	0.039″ (1.0 mm) bellow	-76 to 392 F (-60 to 200 C), surge to 428 F (220 C)	Atmospheric only	Not published
Silicone, Black Conductive	0.039″ (1.0 mm) bellow	-76 to 392 F (-60 to 200 C)	Atmospheric only	Conductive, below 10^6 Ω

Food contact

- Polyurethane (all grades): FDA 21 CFR 175.105, 177.1680 and 177.2600; (EC) 1935/2004; (EU) 10/2011. Migration tested for repeated food contact.
- EPDM White and Natural Gum Rubber: FDA 21 CFR 177.2600; (EC) 1935/2004.
- EPDM Black Conductive: FDA 21 CFR 177.2600.
- Silicone weighing bellows: FDA 21 CFR 177.2600; (EC) 1935/2004. Exceptions are marked on the bellows page.

Reading the ratings

- Pressure ratings are operating ratings for flexible connections from the material data sheets. Pressure and vacuum can change the shape of a connection. Shorter connections handle pressure best.
- Electrostatic values are surface and volume resistance as published. Conductive grades are the choice where static must be carried to ground.
- Material data sheets and declarations of compliance are available from GQI on request.

CONNECTIONS AND FITTINGS

Connections and Fittings

The end connection sets how a flexible installs and how fast it changes out. Every standard end in this list is stainless steel.



Sealed-In Jacob Coupling (FSC)

The flexible material is sealed into the Jacob flange ring. Low profile, dust tight, and quick to change on Jacob quick-release pipe systems. Flanges 304 stainless steel (1.4301), glass bead blasted.



Pressed-On Jacob Flange (FDM)

The flexible material is pressed onto the Jacob flange under an outer press ring. Flange length 1.0″ (25 mm) short or 2.2″ (55 mm) standard. Flanges 304 stainless steel, glass bead blasted, or 316Ti (1.4571), pickled and passivated.



Pressed-On Tri-Clamp Flange (LFR)

Sanitary tri-clamp ends for food, dairy and pharma. Flanges 316L stainless steel (1.4404), surface Ra below 0.8 µm (32 µin). Sizes to BS 4825-3, DIN 32676, ISO 1127 and ASME BPE.

Weighing Bellows (WB, BG)

Silicone bellows that isolate load cells and dosing equipment from vibration and outside forces. Available loose with plain ends, or pressed onto Jacob flanges.



Hose on Roll (HOR)

Seamless polyurethane hose cut to length on site. Plain ends, secured with KLB band clamps. For fast repairs and clamp-free equipment connections.



KLB 20 Band Clamps

Stainless steel (304) band clamps, 0.79″ (20 mm) wide, sized by outside diameter. Filcoflex also builds KLB 09 and KLB 25 clamps, quoted on request.



Tri-Clamp Hardware

316L clamps, ferrules with 3.1 material certificates, and lipped seals in EPDM, silicone and PTFE.



Plain End (No Hardware)

Hose on roll and loose bellows ship with plain ends. The customer secures them with a band clamp over the mating spigot, which makes field cuts and quick repairs possible.

Don't see what you are looking for? Not a problem.
Contact GQI to specify a fitting to your requirements, or create a custom configuration with our online tool. **sales@gqind.com** · **773-234-8003** · **configurator.gqind.com**

SEALED-IN JACOB COUPLING (FSC) · 304 STAINLESS STEEL FLANGES

Polyurethane 0.3 mm

Material Polyurethane PU-UF03, 0.012″ (0.3 mm), transparent

Pressure rating Atmospheric only. For weighing and dosing.

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Not published



Size	ID	3.1–3.9″ (80–100 mm)	3.9–11.8″ (100–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
Jacob 60	2.24″ (57 mm)	007-0404	007-0304	007-0305	007-0306	007-0307	007-0308
Jacob 80	3.07″ (78 mm)	007-0405	007-0309	007-0310	007-0311	007-0312	007-0313
Jacob 100	3.90″ (99 mm)	007-0406	007-0314	007-0315	007-0316	007-0317	007-0318
Jacob 120	4.69″ (119 mm)	007-0407	007-0319	007-0320	007-0321	007-0322	007-0323
Jacob 140	5.31″ (135 mm)	007-0408	007-0324	007-0325	007-0326	007-0327	007-0328
Jacob 150	5.87″ (149 mm)	007-0409	007-0329	007-0330	007-0331	007-0332	007-0333
Jacob 175	6.85″ (174 mm)	007-0410	007-0334	007-0335	007-0336	007-0337	007-0338
Jacob 200	7.83″ (199 mm)	007-0411	007-0339	007-0340	007-0341	007-0342	007-0343
Jacob 224	8.62″ (219 mm)	007-0412	007-0344	007-0345	007-0346	007-0347	007-0348
Jacob 250	9.80″ (249 mm)	007-0413	007-0349	007-0350	007-0351	007-0352	007-0353
Jacob 280	10.87″ (276 mm)	007-0414	007-0354	007-0355	007-0356	007-0357	007-0358
Jacob 300	11.77″ (299 mm)	007-0415	007-0359	007-0360	007-0361	007-0362	007-0363
Jacob 315	12.24″ (311 mm)	007-0416	007-0364	007-0365	007-0366	007-0367	007-0368
Jacob 350	13.74″ (349 mm)	007-0417	007-0369	007-0370	007-0371	007-0372	007-0373
Jacob 400	15.67″ (398 mm)		007-0374	007-0375	007-0376	007-0377	007-0378
Jacob 450	17.64″ (448 mm)		007-0379	007-0380	007-0381	007-0382	007-0383
Jacob 500	19.61″ (498 mm)		007-0384	007-0385	007-0386	007-0387	007-0388
Jacob 560	21.97″ (558 mm)		007-0389	007-0390	007-0391	007-0392	007-0393
Jacob 600	23.54″ (598 mm)		007-0394	007-0395	007-0396	007-0397	007-0398
Jacob 630	24.72″ (628 mm)		007-0399	007-0400	007-0401	007-0402	007-0403

Length is measured end to end.

SEALED-IN JACOB COUPLING (FSC) · 304 STAINLESS STEEL FLANGES

Polyurethane 0.7 mm

Material Polyurethane PU-UF07, 0.028″ (0.7 mm), clear transparent

Pressure rating Up to +2.9 psi (+0.2 bar) at 140 F (60 C) max.

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Not published



Size	ID	3.1–3.9″ (80–100 mm)	3.9–11.8″ (100–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
Jacob 60	2.24″ (57 mm)	007-0518	007-0418	007-0419	007-0420	007-0421	007-0422
Jacob 80	3.07″ (78 mm)	007-0519	007-0423	007-0424	007-0425	007-0426	007-0427
Jacob 100	3.90″ (99 mm)	007-0520	007-0428	007-0429	007-0430	007-0431	007-0432
Jacob 120	4.69″ (119 mm)	007-0521	007-0433	007-0434	007-0435	007-0436	007-0437
Jacob 140	5.31″ (135 mm)	007-0522	007-0438	007-0439	007-0440	007-0441	007-0442
Jacob 150	5.87″ (149 mm)	007-0523	007-0443	007-0444	007-0445	007-0446	007-0447
Jacob 175	6.85″ (174 mm)	007-0524	007-0448	007-0449	007-0450	007-0451	007-0452
Jacob 200	7.83″ (199 mm)	007-0525	007-0453	007-0454	007-0455	007-0456	007-0457
Jacob 224	8.62″ (219 mm)	007-0526	007-0458	007-0459	007-0460	007-0461	007-0462
Jacob 250	9.80″ (249 mm)	007-0527	007-0463	007-0464	007-0465	007-0466	007-0467
Jacob 280	10.87″ (276 mm)	007-0528	007-0468	007-0469	007-0470	007-0471	007-0472
Jacob 300	11.77″ (299 mm)	007-0529	007-0473	007-0474	007-0475	007-0476	007-0477
Jacob 315	12.24″ (311 mm)	007-0530	007-0478	007-0479	007-0480	007-0481	007-0482
Jacob 350	13.74″ (349 mm)	007-0531	007-0483	007-0484	007-0485	007-0486	007-0487
Jacob 400	15.67″ (398 mm)	007-0532	007-0488	007-0489	007-0490	007-0491	007-0492
Jacob 450	17.64″ (448 mm)		007-0493	007-0494	007-0495	007-0496	007-0497
Jacob 500	19.61″ (498 mm)		007-0498	007-0499	007-0500	007-0501	007-0502
Jacob 560	21.97″ (558 mm)		007-0503	007-0504	007-0505	007-0506	007-0507
Jacob 600	23.54″ (598 mm)		007-0508	007-0509	007-0510	007-0511	007-0512
Jacob 630	24.72″ (628 mm)		007-0513	007-0514	007-0515	007-0516	007-0517

Length is measured end to end.

SEALED-IN JACOB COUPLING (FSC) · 304 STAINLESS STEEL FLANGES

Polyurethane 1.0 mm

Material Polyurethane PU-UF1, 0.039″ (1.0 mm), transparent

Pressure rating -2.9 to +4.9 psi (-0.2 to +0.34 bar)

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C), surge to 248 F (120 C)

Electrostatic Surface 5 × 10^{12} Ω · Volume 3 × 10^{11} Ω·m



Size	ID	1.6–3.9″ (40–100 mm)	3.9–11.8″ (100–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
Jacob 60	2.24″ (57 mm)	007-0090	007-0104	007-0105	007-0106	007-0107	007-0108
Jacob 80	3.07″ (78 mm)	007-0091	007-0109	007-0110	007-0111	007-0112	007-0113
Jacob 100	3.90″ (99 mm)	007-0092	007-0114	007-0115	007-0116	007-0117	007-0118
Jacob 120	4.69″ (119 mm)	007-0093	007-0119	007-0120	007-0121	007-0122	007-0123
Jacob 140	5.31″ (135 mm)	007-0094	007-0124	007-0125	007-0126	007-0127	007-0128
Jacob 150	5.87″ (149 mm)	007-0095	007-0129	007-0130	007-0131	007-0132	007-0133
Jacob 175	6.85″ (174 mm)	007-0096	007-0134	007-0135	007-0136	007-0137	007-0138
Jacob 200	7.83″ (199 mm)	007-0097	007-0139	007-0140	007-0141	007-0142	007-0143
Jacob 224	8.62″ (219 mm)	007-0098	007-0144	007-0145	007-0146	007-0147	007-0148
Jacob 250	9.80″ (249 mm)	007-0099	007-0149	007-0150	007-0151	007-0152	007-0153
Jacob 280	10.87″ (276 mm)	007-0100	007-0154	007-0155	007-0156	007-0157	007-0158
Jacob 300	11.77″ (299 mm)	007-0101	007-0159	007-0160	007-0161	007-0162	007-0163
Jacob 315	12.24″ (311 mm)	007-0102	007-0164	007-0165	007-0166	007-0167	007-0168
Jacob 350	13.74″ (349 mm)	007-0103	007-0169	007-0170	007-0171	007-0172	007-0173
Jacob 400	15.67″ (398 mm)		007-0174	007-0175	007-0176	007-0177	007-0178
Jacob 450	17.64″ (448 mm)		007-0179	007-0180	007-0181	007-0182	007-0183
Jacob 500	19.61″ (498 mm)		007-0184	007-0185	007-0186	007-0187	007-0188
Jacob 560 *	21.97″ (558 mm)		007-0189	007-0190	007-0191	007-0192	007-0193
Jacob 600 *	23.54″ (598 mm)		007-0194	007-0195	007-0196	007-0197	007-0198
Jacob 630 *	24.72″ (628 mm)		007-0199	007-0200	007-0201	007-0202	007-0203

Length is measured end to end.

* Jacob 560, 600 and 630 require a silicone gasket in the welded flange.

SEALED-IN JACOB COUPLING (FSC) · 304 STAINLESS STEEL FLANGES

Polyurethane 1.5 mm

Material Polyurethane PU-UF15, 0.059″ (1.5 mm), clear transparent

Pressure rating -2.9 to +5.0 psi (-0.2 to +0.34 bar) up to 194 F (90 C)

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Surface 5 × 10^{12} Ω · Volume 3 × 10^{11} Ω·m



Size	ID	3.9–11.8″ (100–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
Jacob 60	2.24″ (57 mm)	007-0204	007-0205	007-0206	007-0207	007-0208
Jacob 80	3.07″ (78 mm)	007-0209	007-0210	007-0211	007-0212	007-0213
Jacob 100	3.90″ (99 mm)	007-0214	007-0215	007-0216	007-0217	007-0218
Jacob 120	4.69″ (119 mm)	007-0219	007-0220	007-0221	007-0222	007-0223
Jacob 140	5.31″ (135 mm)	007-0224	007-0225	007-0226	007-0227	007-0228
Jacob 150	5.87″ (149 mm)	007-0229	007-0230	007-0231	007-0232	007-0233
Jacob 175	6.85″ (174 mm)	007-0234	007-0235	007-0236	007-0237	007-0238
Jacob 200	7.83″ (199 mm)	007-0239	007-0240	007-0241	007-0242	007-0243
Jacob 224	8.62″ (219 mm)	007-0244	007-0245	007-0246	007-0247	007-0248
Jacob 250	9.80″ (249 mm)	007-0249	007-0250	007-0251	007-0252	007-0253
Jacob 280	10.87″ (276 mm)	007-0254	007-0255	007-0256	007-0257	007-0258
Jacob 300	11.77″ (299 mm)	007-0259	007-0260	007-0261	007-0262	007-0263
Jacob 315	12.24″ (311 mm)	007-0264	007-0265	007-0266	007-0267	007-0268
Jacob 350	13.74″ (349 mm)	007-0269	007-0270	007-0271	007-0272	007-0273
Jacob 400	15.67″ (398 mm)	007-0274	007-0275	007-0276	007-0277	007-0278
Jacob 450	17.64″ (448 mm)	007-0279	007-0280	007-0281	007-0282	007-0283
Jacob 500	19.61″ (498 mm)	007-0284	007-0285	007-0286	007-0287	007-0288
Jacob 560	21.97″ (558 mm)	007-0289	007-0290	007-0291	007-0292	007-0293
Jacob 600	23.54″ (598 mm)	007-0294	007-0295	007-0296	007-0297	007-0298
Jacob 630	24.72″ (628 mm)	007-0299	007-0300	007-0301	007-0302	007-0303

Length is measured end to end.

PRESSED-ON JACOB FLANGE (FDM) · 1.0″ (25 MM) FLANGE · 304 SS

Polyurethane 0.3 mm · 1.0″ Flange

Material Polyurethane PU-UF03, 0.012″ (0.3 mm), transparent

Pressure rating Atmospheric only. For weighing and dosing.

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Not published

Flanges 304 stainless steel, glass bead blasted, 1.0″ (25 mm) flange



Size	ID	3.9–11.8″ (100–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
Jacob 60	2.24″ (57 mm)	007-0533	007-0534	007-0535	007-0536	007-0537
Jacob 80	3.07″ (78 mm)	007-0538	007-0539	007-0540	007-0541	007-0542
Jacob 100	3.90″ (99 mm)	007-0543	007-0544	007-0545	007-0546	007-0547
Jacob 120	4.69″ (119 mm)	007-0548	007-0549	007-0550	007-0551	007-0552
Jacob 140	5.31″ (135 mm)	007-0553	007-0554	007-0555	007-0556	007-0557
Jacob 150	5.87″ (149 mm)	007-0558	007-0559	007-0560	007-0561	007-0562
Jacob 175	6.85″ (174 mm)	007-0563	007-0564	007-0565	007-0566	007-0567
Jacob 200	7.83″ (199 mm)	007-0568	007-0569	007-0570	007-0571	007-0572
Jacob 224	8.62″ (219 mm)	007-0573	007-0574	007-0575	007-0576	007-0577
Jacob 250	9.80″ (249 mm)	007-0578	007-0579	007-0580	007-0581	007-0582
Jacob 280	10.87″ (276 mm)	007-0583	007-0584	007-0585	007-0586	007-0587
Jacob 300	11.77″ (299 mm)	007-0588	007-0589	007-0590	007-0591	007-0592
Jacob 315	12.24″ (311 mm)	007-0593	007-0594	007-0595	007-0596	007-0597
Jacob 350	13.74″ (349 mm)	007-0598	007-0599	007-0600	007-0601	007-0602
Jacob 400	15.67″ (398 mm)	007-0603	007-0604	007-0605	007-0606	007-0607
Jacob 450	17.64″ (448 mm)	007-0608	007-0609	007-0610	007-0611	007-0612
Jacob 500	19.61″ (498 mm)	007-0613	007-0614	007-0615	007-0616	007-0617
Jacob 560	21.97″ (558 mm)	007-0618	007-0619	007-0620	007-0621	007-0622
Jacob 600	23.54″ (598 mm)	007-0623	007-0624	007-0625	007-0626	007-0627
Jacob 630	24.72″ (628 mm)	007-0628	007-0629	007-0630	007-0631	007-0632

Length is measured end to end.

PRESSED-ON JACOB FLANGE (FDM) · 2.2″ (55 MM) FLANGE · 304 SS

Polyurethane 0.3 mm · 2.2″ Flange

Material Polyurethane PU-UF03, 0.012″ (0.3 mm), transparent

Pressure rating Atmospheric only. For weighing and dosing.

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Not published

Flanges 304 stainless steel, glass bead blasted, 2.2″ (55 mm) flange



Size	ID	5.9–11.8″ (150–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
Jacob 60	2.24″ (57 mm)	007-0633	007-0634	007-0635	007-0636	007-0637
Jacob 80	3.07″ (78 mm)	007-0638	007-0639	007-0640	007-0641	007-0642
Jacob 100	3.90″ (99 mm)	007-0643	007-0644	007-0645	007-0646	007-0647
Jacob 120	4.69″ (119 mm)	007-0648	007-0649	007-0650	007-0651	007-0652
Jacob 140	5.31″ (135 mm)	007-0653	007-0654	007-0655	007-0656	007-0657
Jacob 150	5.87″ (149 mm)	007-0658	007-0659	007-0660	007-0661	007-0662
Jacob 175	6.85″ (174 mm)	007-0663	007-0664	007-0665	007-0666	007-0667
Jacob 200	7.83″ (199 mm)	007-0668	007-0669	007-0670	007-0671	007-0672
Jacob 224	8.62″ (219 mm)	007-0673	007-0674	007-0675	007-0676	007-0677
Jacob 250	9.80″ (249 mm)	007-0678	007-0679	007-0680	007-0681	007-0682
Jacob 280	10.87″ (276 mm)	007-0683	007-0684	007-0685	007-0686	007-0687
Jacob 300	11.77″ (299 mm)	007-0688	007-0689	007-0690	007-0691	007-0692
Jacob 315	12.24″ (311 mm)	007-0693	007-0694	007-0695	007-0696	007-0697
Jacob 350	13.74″ (349 mm)	007-0698	007-0699	007-0700	007-0701	007-0702
Jacob 400	15.67″ (398 mm)	007-0703	007-0704	007-0705	007-0706	007-0707
Jacob 450	17.64″ (448 mm)	007-0708	007-0709	007-0710	007-0711	007-0712
Jacob 500	19.61″ (498 mm)	007-0713	007-0714	007-0715	007-0716	007-0717
Jacob 560	21.97″ (558 mm)	007-0718	007-0719	007-0720	007-0721	007-0722
Jacob 600	23.54″ (598 mm)	007-0723	007-0724	007-0725	007-0726	007-0727
Jacob 630	24.72″ (628 mm)	007-0728	007-0729	007-0730	007-0731	007-0732

Length is measured end to end.

PRESSED-ON JACOB FLANGE (FDM) · 1.0″ (25 MM) FLANGE · 304 SS

Polyurethane 1.0 mm · 1.0″ Flange

Material Polyurethane PU-UF3, 0.039″ (1.0 mm), transparent (cloudy)

Pressure rating -2.9 to +5.0 psi (-0.2 to +0.34 bar) up to 194 F (90 C)

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Surface 5 × 10^{12} Ω

Flanges 304 stainless steel, glass bead blasted, 1.0″ (25 mm) flange



Size	ID	3.9–11.8″ (100–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
Jacob 60	2.24″ (57 mm)	007-0733	007-0734	007-0735	007-0736	007-0737
Jacob 80	3.07″ (78 mm)	007-0738	007-0739	007-0740	007-0741	007-0742
Jacob 100	3.90″ (99 mm)	007-0743	007-0744	007-0745	007-0746	007-0747
Jacob 120	4.69″ (119 mm)	007-0748	007-0749	007-0750	007-0751	007-0752
Jacob 140	5.31″ (135 mm)	007-0753	007-0754	007-0755	007-0756	007-0757
Jacob 150	5.87″ (149 mm)	007-0758	007-0759	007-0760	007-0761	007-0762
Jacob 175	6.85″ (174 mm)	007-0763	007-0764	007-0765	007-0766	007-0767
Jacob 200	7.83″ (199 mm)	007-0768	007-0769	007-0770	007-0771	007-0772
Jacob 224	8.62″ (219 mm)	007-0773	007-0774	007-0775	007-0776	007-0777
Jacob 250	9.80″ (249 mm)	007-0778	007-0779	007-0780	007-0781	007-0782
Jacob 280	10.87″ (276 mm)	007-0783	007-0784	007-0785	007-0786	007-0787
Jacob 300	11.77″ (299 mm)	007-0788	007-0789	007-0790	007-0791	007-0792
Jacob 315	12.24″ (311 mm)	007-0793	007-0794	007-0795	007-0796	007-0797
Jacob 350	13.74″ (349 mm)	007-0798	007-0799	007-0800	007-0801	007-0802
Jacob 400	15.67″ (398 mm)	007-0803	007-0804	007-0805	007-0806	007-0807
Jacob 450	17.64″ (448 mm)	007-0808	007-0809	007-0810	007-0811	007-0812
Jacob 500	19.61″ (498 mm)	007-0813	007-0814	007-0815	007-0816	007-0817
Jacob 560	21.97″ (558 mm)	007-0818	007-0819	007-0820	007-0821	007-0822
Jacob 600	23.54″ (598 mm)	007-0823	007-0824	007-0825	007-0826	007-0827
Jacob 630	24.72″ (628 mm)	007-0828	007-0829	007-0830	007-0831	007-0832

Length is measured end to end.

PRESSED-ON JACOB FLANGE (FDM) · 2.2″ (55 MM) FLANGE · 304 SS

Polyurethane 1.0 mm · 2.2″ Flange

Material Polyurethane PU-UF3, 0.039″ (1.0 mm), transparent (cloudy)

Pressure rating -2.9 to +5.0 psi (-0.2 to +0.34 bar) up to 194 F (90 C)

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Surface 5 × 10^{12} Ω

Flanges 304 stainless steel, glass bead blasted, 2.2″ (55 mm) flange



Size	ID	5.9–11.8″ (150–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
Jacob 60	2.24″ (57 mm)	007-0833	007-0834	007-0835	007-0836	007-0837
Jacob 80	3.07″ (78 mm)	007-0838	007-0839	007-0840	007-0841	007-0842
Jacob 100	3.90″ (99 mm)	007-0843	007-0844	007-0845	007-0846	007-0847
Jacob 120	4.69″ (119 mm)	007-0848	007-0849	007-0850	007-0851	007-0852
Jacob 140	5.31″ (135 mm)	007-0853	007-0854	007-0855	007-0856	007-0857
Jacob 150	5.87″ (149 mm)	007-0858	007-0859	007-0860	007-0861	007-0862
Jacob 175	6.85″ (174 mm)	007-0863	007-0864	007-0865	007-0866	007-0867
Jacob 200	7.83″ (199 mm)	007-0868	007-0869	007-0870	007-0871	007-0872
Jacob 224	8.62″ (219 mm)	007-0873	007-0874	007-0875	007-0876	007-0877
Jacob 250	9.80″ (249 mm)	007-0878	007-0879	007-0880	007-0881	007-0882
Jacob 280	10.87″ (276 mm)	007-0883	007-0884	007-0885	007-0886	007-0887
Jacob 300	11.77″ (299 mm)	007-0888	007-0889	007-0890	007-0891	007-0892
Jacob 315	12.24″ (311 mm)	007-0893	007-0894	007-0895	007-0896	007-0897
Jacob 350	13.74″ (349 mm)	007-0898	007-0899	007-0900	007-0901	007-0902
Jacob 400	15.67″ (398 mm)	007-0903	007-0904	007-0905	007-0906	007-0907
Jacob 450	17.64″ (448 mm)	007-0908	007-0909	007-0910	007-0911	007-0912
Jacob 500	19.61″ (498 mm)	007-0913	007-0914	007-0915	007-0916	007-0917
Jacob 560	21.97″ (558 mm)	007-0918	007-0919	007-0920	007-0921	007-0922
Jacob 600	23.54″ (598 mm)	007-0923	007-0924	007-0925	007-0926	007-0927
Jacob 630	24.72″ (628 mm)	007-0928	007-0929	007-0930	007-0931	007-0932

Length is measured end to end.

PRESSED-ON JACOB FLANGE (FDM) · 1.0″ (25 MM) FLANGE · 316TI SS

Polyurethane 1.0 mm · 1.0″ Flange

Material Polyurethane PU-UF3, 0.039″ (1.0 mm), transparent (cloudy)

Pressure rating -2.9 to +5.0 psi (-0.2 to +0.34 bar) up to 194 F (90 C)

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Surface 5 × 10^{12} Ω

Flanges 316Ti stainless steel (1.4571), pickled and passivated, 1.0″ (25 mm) flange



Size	ID	5.9–11.8″ (150–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
Jacob 60	2.24″ (57 mm)	007-0933	007-0934	007-0935	007-0936	007-0937
Jacob 80	3.07″ (78 mm)	007-0938	007-0939	007-0940	007-0941	007-0942
Jacob 100	3.90″ (99 mm)	007-0943	007-0944	007-0945	007-0946	007-0947
Jacob 120	4.69″ (119 mm)	007-0948	007-0949	007-0950	007-0951	007-0952
Jacob 140	5.31″ (135 mm)	007-0953	007-0954	007-0955	007-0956	007-0957
Jacob 150	5.87″ (149 mm)	007-0958	007-0959	007-0960	007-0961	007-0962
Jacob 175	6.85″ (174 mm)	007-0963	007-0964	007-0965	007-0966	007-0967
Jacob 200	7.83″ (199 mm)	007-0968	007-0969	007-0970	007-0971	007-0972
Jacob 224	8.62″ (219 mm)	007-0973	007-0974	007-0975	007-0976	007-0977
Jacob 250	9.80″ (249 mm)	007-0978	007-0979	007-0980	007-0981	007-0982
Jacob 280	10.87″ (276 mm)	007-0983	007-0984	007-0985	007-0986	007-0987
Jacob 300	11.77″ (299 mm)	007-0988	007-0989	007-0990	007-0991	007-0992
Jacob 315	12.24″ (311 mm)	007-0993	007-0994	007-0995	007-0996	007-0997
Jacob 350	13.74″ (349 mm)	007-0998	007-0999	007-1000	007-1001	007-1002
Jacob 400	15.67″ (398 mm)	007-1003	007-1004	007-1005	007-1006	007-1007
Jacob 450	17.64″ (448 mm)	007-1008	007-1009	007-1010	007-1011	007-1012
Jacob 500	19.61″ (498 mm)	007-1013	007-1014	007-1015	007-1016	007-1017
Jacob 560	21.97″ (558 mm)	007-1018	007-1019	007-1020	007-1021	007-1022
Jacob 600	23.54″ (598 mm)	007-1023	007-1024	007-1025	007-1026	007-1027
Jacob 630	24.72″ (628 mm)	007-1028	007-1029	007-1030	007-1031	007-1032

Length is measured end to end.

PRESSED-ON JACOB FLANGE (FDM) · 2.2″ (55 MM) FLANGE · 316TI SS

Polyurethane 1.0 mm · 2.2″ Flange

Material Polyurethane PU-UF3, 0.039″ (1.0 mm), transparent (cloudy)

Pressure rating -2.9 to +5.0 psi (-0.2 to +0.34 bar) up to 194 F (90 C)

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Surface 5 × 10^{12} Ω

Flanges 316Ti stainless steel (1.4571), pickled and passivated, 2.2″ (55 mm) flange



Size	ID	5.9–11.8″ (150–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
Jacob 60	2.24″ (57 mm)	007-1033	007-1034	007-1035	007-1036	007-1037
Jacob 80	3.07″ (78 mm)	007-1038	007-1039	007-1040	007-1041	007-1042
Jacob 100	3.90″ (99 mm)	007-1043	007-1044	007-1045	007-1046	007-1047
Jacob 120	4.69″ (119 mm)	007-1048	007-1049	007-1050	007-1051	007-1052
Jacob 140	5.31″ (135 mm)	007-1053	007-1054	007-1055	007-1056	007-1057
Jacob 150	5.87″ (149 mm)	007-1058	007-1059	007-1060	007-1061	007-1062
Jacob 175	6.85″ (174 mm)	007-1063	007-1064	007-1065	007-1066	007-1067
Jacob 200	7.83″ (199 mm)	007-1068	007-1069	007-1070	007-1071	007-1072
Jacob 224	8.62″ (219 mm)	007-1073	007-1074	007-1075	007-1076	007-1077
Jacob 250	9.80″ (249 mm)	007-1078	007-1079	007-1080	007-1081	007-1082
Jacob 280	10.87″ (276 mm)	007-1083	007-1084	007-1085	007-1086	007-1087
Jacob 300	11.77″ (299 mm)	007-1088	007-1089	007-1090	007-1091	007-1092
Jacob 315	12.24″ (311 mm)	007-1093	007-1094	007-1095	007-1096	007-1097
Jacob 350	13.74″ (349 mm)	007-1098	007-1099	007-1100	007-1101	007-1102
Jacob 400	15.67″ (398 mm)	007-1103	007-1104	007-1105	007-1106	007-1107
Jacob 450	17.64″ (448 mm)	007-1108	007-1109	007-1110	007-1111	007-1112
Jacob 500	19.61″ (498 mm)	007-1113	007-1114	007-1115	007-1116	007-1117
Jacob 560	21.97″ (558 mm)	007-1118	007-1119	007-1120	007-1121	007-1122
Jacob 600	23.54″ (598 mm)	007-1123	007-1124	007-1125	007-1126	007-1127
Jacob 630	24.72″ (628 mm)	007-1128	007-1129	007-1130	007-1131	007-1132

Length is measured end to end.

PRESSED-ON JACOB FLANGE (FDM) · RUBBER

EPDM and Natural Rubber

EPDM White -13 to 212 F (-25 to 100 C) · Vacuum to -2.9 psi (-0.2 bar) · pressure to +5.0 psi (+0.34 bar)

Natural Gum Rubber -40 to 158 F (-40 to 70 C) · -2.9 to +4.4 psi (-0.2 to +0.3 bar)

Length 3.9–11.8″ (100–300 mm) end to end

EPDM Black Conductive -22 to 266 F (-30 to 130 C) · Vacuum to -2.9 psi (-0.2 bar) · pressure to +5.0 psi (+0.34 bar) · Conductive, below 10^6 Ω

Flanges 304 stainless steel, glass bead blasted



EPDM White

Size	1.0″ Flange (25 mm)	2.2″ Flange (55 mm)
Jacob 60	007-1133	007-1193
Jacob 80	007-1134	007-1194
Jacob 100	007-1135	007-1195
Jacob 120	007-1136	007-1196
Jacob 140	007-1137	007-1197
Jacob 150	007-1138	007-1198
Jacob 175	007-1139	007-1199
Jacob 200	007-1140	007-1200
Jacob 224	007-1141	007-1201
Jacob 250	007-1142	007-1202
Jacob 280	007-1143	007-1203
Jacob 300	007-1144	007-1204
Jacob 315	007-1145	007-1205
Jacob 350	007-1146	007-1206
Jacob 400	007-1147	007-1207
Jacob 450	007-1148	007-1208
Jacob 500	007-1149	007-1209
Jacob 560	007-1150	007-1210
Jacob 600	007-1151	007-1211
Jacob 630	007-1152	007-1212

EPDM Black Conductive

Size	1.0″ Flange (25 mm)	2.2″ Flange (55 mm)
Jacob 60	007-1153	007-1213
Jacob 80	007-1154	007-1214
Jacob 100	007-1155	007-1215
Jacob 120	007-1156	007-1216
Jacob 140	007-1157	007-1217
Jacob 150	007-1158	007-1218
Jacob 175	007-1159	007-1219
Jacob 200	007-1160	007-1220
Jacob 224	007-1161	007-1221
Jacob 250	007-1162	007-1222
Jacob 280	007-1163	007-1223
Jacob 300	007-1164	007-1224
Jacob 315	007-1165	007-1225
Jacob 350	007-1166	007-1226
Jacob 400	007-1167	007-1227
Jacob 450	007-1168	007-1228
Jacob 500	007-1169	007-1229
Jacob 560	007-1170	007-1230
Jacob 600	007-1171	007-1231
Jacob 630	007-1172	007-1232

Natural Gum Rubber

Size	1.0″ Flange (25 mm)	2.2″ Flange (55 mm)
Jacob 60	007-1173	007-1233
Jacob 80	007-1174	007-1234
Jacob 100	007-1175	007-1235
Jacob 120	007-1176	007-1236
Jacob 140	007-1177	007-1237
Jacob 150	007-1178	007-1238
Jacob 175	007-1179	007-1239
Jacob 200	007-1180	007-1240
Jacob 224	007-1181	007-1241
Jacob 250	007-1182	007-1242
Jacob 280	007-1183	007-1243
Jacob 300	007-1184	007-1244
Jacob 315	007-1185	007-1245
Jacob 350	007-1186	007-1246
Jacob 400	007-1187	007-1247
Jacob 450	007-1188	007-1248
Jacob 500	007-1189	007-1249
Jacob 560	007-1190	007-1250
Jacob 600	007-1191	007-1251
Jacob 630	007-1192	007-1252

Wall 0.039 or 0.079″ (1.0 or 2.0 mm).

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PRESSED-ON TRI-CLAMP FLANGE (LFR) · 316L STAINLESS STEEL, RA BELOW 0.8 µM

Polyurethane 0.3 mm · Inch Tube

Material Polyurethane PU-UF03, 0.012″ (0.3 mm), transparent

Pressure rating Atmospheric only. For weighing and dosing.

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Not published

Flanges 316L stainless steel (1.4404), outer press ring 304, glass bead blasted



Size	Bore	3.9–11.8″ (100–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
BS 4825-3						
2″	ID 1.87″ (47.6 mm)	007-1295				
2 1/2″	ID 2.37″ (60.3 mm)	007-1296	007-1297	007-1298	007-1299	007-1300
3″	ID 2.87″ (73 mm)	007-1301	007-1302	007-1303	007-1304	007-1305
3 1/2″	ID 3.33″ (84.7 mm)	007-1306	007-1307	007-1308	007-1309	007-1310
4″	ID 3.84″ (97.6 mm)	007-1311	007-1312	007-1313	007-1314	007-1315
4 1/2″	ID 4.34″ (110.3 mm)	007-1316	007-1317	007-1318	007-1319	007-1320
5″	ID 4.84″ (123 mm)	007-1321	007-1322	007-1323	007-1324	007-1325
5 1/2″	ID 5.34″ (135.76 mm)	007-1326	007-1327	007-1328	007-1329	007-1330
6″	ID 5.91″ (150 mm)	007-1331	007-1332	007-1333	007-1334	007-1335
6 5/8″	ID 6.42″ (163.1 mm)	007-1336	007-1337	007-1338	007-1339	007-1340
8″	ID 7.87″ (200 mm)	007-1341	007-1342	007-1343	007-1344	007-1345

Length is measured end to end.

Blank cells are quoted on request.

PRESSED-ON TRI-CLAMP FLANGE (LFR) · 316L STAINLESS STEEL, RA BELOW 0.8 µM

Polyurethane 0.3 mm · Inch Tube (continued)



Size	Bore	3.9–11.8″ (100–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
BS 4825-3 (CONTINUED)						
8 5/8″	ID 8.42″ (213.9 mm)	007-1346	007-1347	007-1348	007-1349	007-1350
10″	ID 9.84″ (250 mm)	007-1351	007-1352	007-1353	007-1354	007-1355
10 5/8″	ID 10.48″ (266.3 mm)	007-1356	007-1357	007-1358	007-1359	007-1360
12″	ID 11.84″ (300.8 mm)	007-1361	007-1362	007-1363	007-1364	007-1365
12 5/8″	ID 12.44″ (315.9 mm)	007-1366	007-1367	007-1368	007-1369	007-1370
ASME BPE						
2″	ID 1.87″ (47.5 mm)	007-1467				
3″	ID 2.87″ (72.9 mm)	007-1468				
4″	ID 3.83″ (97.38 mm)	007-1469	007-1470			
6″	ID 5.78″ (146.86 mm)	007-1471				
10″	ID 9.78″ (248.46 mm)	007-1472				
12″	ID 11.78″ (299.26 mm)	007-1473				

Length is measured end to end.

Blank cells are quoted on request.

PRESSED-ON TRI-CLAMP FLANGE (LFR) · 316L STAINLESS STEEL, RA BELOW 0.8 µM

Polyurethane 0.3 mm · Metric Tube

Material Polyurethane PU-UF03, 0.012″ (0.3 mm), transparent

Pressure rating Atmospheric only. For weighing and dosing.

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Not published

Flanges 316L stainless steel (1.4404), outer press ring 304, glass bead blasted



Size	Bore	3.9–11.8″ (100–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
DIN 32676						
DN 50	ID 1.97″ (50 mm)	007-1371				
DN 65	ID 2.60″ (66 mm)	007-1372	007-1373	007-1374	007-1375	007-1376
DN 80	ID 3.19″ (81 mm)	007-1377	007-1378	007-1379	007-1380	007-1381
DN 100	ID 3.94″ (100 mm)	007-1382	007-1383	007-1384	007-1385	007-1386
DN 125	ID 4.92″ (125 mm) flange 144.4 mm	007-1387	007-1388	007-1389	007-1390	007-1391
DN 125	ID 4.92″ (125 mm) flange 155 mm	007-1392	007-1393	007-1394	007-1395	007-1396
DN 150	ID 5.91″ (150 mm) flange 167 mm	007-1397	007-1398	007-1399	007-1400	007-1401
DN 150	ID 5.91″ (150 mm) flange 183 mm	007-1402	007-1403	007-1404	007-1405	007-1406
DN 200	ID 7.87″ (200 mm) flange 217.4 mm	007-1407	007-1408	007-1409	007-1410	007-1411
DN 200	ID 7.87″ (200 mm) flange 233.5 mm	007-1412	007-1413	007-1414	007-1415	007-1416
DN 250	ID 9.84″ (250 mm)	007-1417	007-1418	007-1419	007-1420	007-1421
DN 300	ID 11.81″ (300 mm)	007-1422	007-1423	007-1424	007-1425	007-1426
ISO 1127						
DN 65	ID 2.84″ (72.1 mm)	007-1427	007-1428	007-1429	007-1430	007-1431
DN 80	ID 3.34″ (84.9 mm)	007-1432	007-1433	007-1434	007-1435	007-1436
DN 100	ID 4.34″ (110.3 mm)	007-1437	007-1438	007-1439	007-1440	007-1441
DN 125	ID 5.34″ (135.7 mm)	007-1442	007-1443	007-1444	007-1445	007-1446
DN 150	ID 6.42″ (163.1 mm)	007-1447	007-1448	007-1449	007-1450	007-1451
DN 200	ID 8.42″ (213.9 mm)	007-1452	007-1453	007-1454	007-1455	007-1456
DN 250	ID 10.54″ (267.8 mm)	007-1457	007-1458	007-1459	007-1460	007-1461
DN 300	ID 12.55″ (318.7 mm)	007-1462	007-1463	007-1464	007-1465	007-1466

Length is measured end to end.

Blank cells are quoted on request.

PRESSED-ON TRI-CLAMP FLANGE (LFR) · 316L STAINLESS STEEL, RA BELOW 0.8 µM

Polyurethane 1.0 mm · Inch Tube

Material Polyurethane PU-UF3, 0.039″ (1.0 mm), transparent (cloudy)

Pressure rating -2.9 to +5.0 psi (-0.2 to +0.34 bar) up to 194 F (90 C)

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Surface 5 × 10^{12} Ω

Flanges 316L stainless steel (1.4404), outer press ring 304, glass bead blasted



Size	Bore	3.9–11.8″ (100–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
BS 4825-3						
2″	ID 1.87″ (47.6 mm)	007-1474				
2 1/2″	ID 2.37″ (60.3 mm)	007-1475	007-1476	007-1477	007-1478	007-1479
3″	ID 2.87″ (73 mm)	007-1480	007-1481	007-1482	007-1483	007-1484
3 1/2″	ID 3.33″ (84.7 mm)	007-1485	007-1486	007-1487	007-1488	007-1489
4″	ID 3.84″ (97.6 mm)	007-1490	007-1491	007-1492	007-1493	007-1494
4 1/2″	ID 4.34″ (110.3 mm)	007-1495	007-1496	007-1497	007-1498	007-1499
5″	ID 4.84″ (123 mm)	007-1500	007-1501	007-1502	007-1503	007-1504
5 1/2″	ID 5.34″ (135.76 mm)	007-1505	007-1506	007-1507	007-1508	007-1509
6″	ID 5.91″ (150 mm)	007-1510	007-1511	007-1512	007-1513	007-1514
6 5/8″	ID 6.42″ (163.1 mm)	007-1515	007-1516	007-1517	007-1518	007-1519
8″	ID 7.87″ (200 mm)	007-1520	007-1521	007-1522	007-1523	007-1524
8 5/8″	ID 8.42″ (213.9 mm)	007-1525	007-1526	007-1527	007-1528	007-1529

Length is measured end to end.

Blank cells are quoted on request.

PRESSED-ON TRI-CLAMP FLANGE (LFR) · 316L STAINLESS STEEL, RA BELOW 0.8 µM

Polyurethane 1.0 mm · Inch Tube (continued)



Size	Bore	3.9–11.8″ (100–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
BS 4825-3 (CONTINUED)						
10″	ID 9.84″ (250 mm)	007-1530	007-1531	007-1532	007-1533	007-1534
10 5/8″	ID 10.48″ (266.3 mm)	007-1535	007-1536	007-1537	007-1538	007-1539
12″	ID 11.84″ (300.8 mm)	007-1540	007-1541	007-1542	007-1543	007-1544
12 5/8″	ID 12.44″ (315.9 mm)	007-1545	007-1546	007-1547	007-1548	007-1549
ASME BPE						
2″	ID 1.87″ (47.5 mm)	007-1647				
2 1/2″	ID 2.37″ (60.2 mm)	007-1648				
3″	ID 2.87″ (72.9 mm)	007-1649	007-1650			
4″	ID 3.83″ (97.38 mm)	007-1651	007-1652			
6″	ID 5.78″ (146.86 mm)	007-1653	007-1654	007-1655		
8″	ID 7.78″ (197.66 mm)	007-1656	007-1657	007-1658		
10″	ID 9.78″ (248.46 mm)	007-1659				
12″	ID 11.78″ (299.26 mm)	007-1660	007-1661	007-1662		

Length is measured end to end.

Blank cells are quoted on request.

PRESSED-ON TRI-CLAMP FLANGE (LFR) · 316L STAINLESS STEEL, RA BELOW 0.8 µM

Polyurethane 1.0 mm · Metric Tube

Material Polyurethane PU-UF3, 0.039″ (1.0 mm), transparent (cloudy)

Pressure rating -2.9 to +5.0 psi (-0.2 to +0.34 bar) up to 194 F (90 C)

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Surface 5 × 10^{12} Ω

Flanges 316L stainless steel (1.4404), outer press ring 304, glass bead blasted



Size	Bore	3.9–11.8″ (100–300 mm)	11.9–23.6″ (301–600 mm)	23.7–39.4″ (601–1000 mm)	39.4–59.1″ (1001–1500 mm)	59.1–78.7″ (1501–2000 mm)
DIN 32676						
DN 50	ID 1.97″ (50 mm)	007-1550				
DN 65	ID 2.60″ (66 mm)	007-1551	007-1552	007-1553	007-1554	007-1555
DN 80	ID 3.19″ (81 mm)	007-1556	007-1557	007-1558	007-1559	007-1560
DN 100	ID 3.94″ (100 mm)	007-1561	007-1562	007-1563	007-1564	007-1565
DN 125	ID 4.92″ (125 mm) flange 144.4 mm	007-1566	007-1567	007-1568	007-1569	007-1570
DN 125	ID 4.92″ (125 mm) flange 155 mm	007-1571	007-1572	007-1573	007-1574	007-1575
DN 150	ID 5.91″ (150 mm) flange 167 mm	007-1576	007-1577	007-1578	007-1579	007-1580
DN 150	ID 5.91″ (150 mm) flange 183 mm	007-1581	007-1582	007-1583	007-1584	007-1585
DN 200	ID 7.87″ (200 mm) flange 217.4 mm	007-1586	007-1587	007-1588	007-1589	007-1590
DN 200	ID 7.87″ (200 mm) flange 233.5 mm	007-1591	007-1592	007-1593	007-1594	007-1595
DN 250	ID 9.84″ (250 mm)	007-1596	007-1597	007-1598	007-1599	007-1600
DN 300	ID 11.81″ (300 mm)	007-1601	007-1602	007-1603	007-1604	007-1605
ISO 1127						
DN 50	ID 2.22″ (56.3 mm)	007-1606				
DN 65	ID 2.84″ (72.1 mm)	007-1607	007-1608	007-1609	007-1610	007-1611
DN 80	ID 3.34″ (84.9 mm)	007-1612	007-1613	007-1614	007-1615	007-1616
DN 100	ID 4.34″ (110.3 mm)	007-1617	007-1618	007-1619	007-1620	007-1621
DN 125	ID 5.34″ (135.7 mm)	007-1622	007-1623	007-1624	007-1625	007-1626
DN 150	ID 6.42″ (163.1 mm)	007-1627	007-1628	007-1629	007-1630	007-1631
DN 200	ID 8.42″ (213.9 mm)	007-1632	007-1633	007-1634	007-1635	007-1636
DN 250	ID 10.54″ (267.8 mm)	007-1637	007-1638	007-1639	007-1640	007-1641
DN 300	ID 12.55″ (318.7 mm)	007-1642	007-1643	007-1644	007-1645	007-1646

Length is measured end to end.

Blank cells are quoted on request.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 0.3 mm

Material Polyurethane PU-UF03, 0.012″ (0.3 mm), transparent

Pressure rating Atmospheric only. For weighing and dosing.

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Not published



Diameter	0.95 m roll (3.1 ft)	1 m roll (3.3 ft)	2 m roll (6.6 ft)
1.97″ (50 mm)		007-1663	
2.28″ (58 mm)		007-1664	
2.36″ (60 mm)		007-1665	
2.52″ (64 mm)		007-1666	
2.56″ (65 mm)		007-1667	
2.72″ (69 mm)		007-1668	
2.76″ (70 mm)		007-1669	
2.91″ (74 mm)		007-1670	
2.99″ (76 mm)		007-1671	
3.15″ (80 mm)		007-1672	
3.31″ (84 mm)		007-1673	
3.35″ (85 mm)		007-1674	
3.50″ (89 mm)		007-1675	
3.94″ (100 mm)		007-1676	007-1677
4.09″ (104 mm)		007-1678	007-1679
4.17″ (106 mm)		007-1680	007-1681

Diameter	0.95 m roll (3.1 ft)	1 m roll (3.3 ft)	2 m roll (6.6 ft)
4.25″ (108 mm)		007-1682	007-1683
4.33″ (110 mm)		007-1684	007-1685
4.49″ (114 mm)		007-1686	007-1687
4.72″ (120 mm)		007-1688	007-1689
4.92″ (125 mm)		007-1690	007-1691
5.08″ (129 mm)		007-1692	007-1693
5.20″ (132 mm)		007-1694	007-1695
5.47″ (139 mm)		007-1696	007-1697
5.75″ (146 mm)		007-1698	007-1699
5.91″ (150 mm)		007-1700	007-1701
6.06″ (154 mm)		007-1702	007-1703
6.10″ (155 mm)		007-1704	007-1705
6.30″ (160 mm)		007-1706	007-1707
6.61″ (168 mm)		007-1708	007-1709
6.89″ (175 mm)		007-1710	007-1711
7.09″ (180 mm)		007-1712	007-1713

Diameter is the hose inside diameter.

Secure with KLB band clamps.

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HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 0.3 mm (continued)

Diameter	0.95 m roll (3.1 ft)	1 m roll (3.3 ft)	2 m roll (6.6 ft)
7.48″ (190 mm)		007-1714	007-1715
7.87″ (200 mm)		007-1716	007-1717
8.03″ (204 mm)		007-1718	007-1719
8.07″ (205 mm)		007-1720	007-1721
8.46″ (215 mm)		007-1722	007-1723
8.62″ (219 mm)		007-1724	007-1725
8.82″ (224 mm)		007-1726	007-1727
9.06″ (230 mm)		007-1728	007-1729
9.84″ (250 mm)		007-1730	007-1731
10.00″ (254 mm)		007-1732	007-1733
10.04″ (255 mm)		007-1734	007-1735
10.24″ (260 mm)		007-1736	007-1737

Diameter	0.95 m roll (3.1 ft)	1 m roll (3.3 ft)	2 m roll (6.6 ft)
10.75″ (273 mm)		007-1738	007-1739
10.91″ (277 mm)		007-1740	007-1741
11.02″ (280 mm)		007-1742	007-1743
11.42″ (290 mm)		007-1744	007-1745
11.81″ (300 mm)		007-1746	007-1747
11.97″ (304 mm)		007-1748	007-1749
12.05″ (306 mm)		007-1750	007-1751
12.20″ (310 mm)		007-1752	007-1753
12.40″ (315 mm)		007-1754	007-1755
12.52″ (318 mm)		007-1756	007-1757
12.56″ (319 mm)		007-1758	007-1759

Diameter is the hose inside diameter.

Secure with KLB band clamps.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 0.3 mm (continued)

Diameter	0.95 m roll (3.1 ft)	1 m roll (3.3 ft)	2 m roll (6.6 ft)
12.72″ (323 mm)		007-1760	007-1761
12.91″ (328 mm)		007-1762	007-1763
12.99″ (330 mm)		007-1764	007-1765
13.78″ (350 mm)		007-1766	007-1767
13.94″ (354 mm)		007-1768	007-1769
14.02″ (356 mm)		007-1770	007-1771
15.75″ (400 mm)		007-1772	
15.91″ (404 mm)		007-1773	
17.72″ (450 mm)		007-1774	
17.87″ (454 mm)		007-1775	
19.69″ (500 mm)		007-1776	
21.65″ (550 mm)		007-1777	

Diameter	0.95 m roll (3.1 ft)	1 m roll (3.3 ft)	2 m roll (6.6 ft)
21.81″ (554 mm)		007-1778	
22.05″ (560 mm)		007-1779	
22.20″ (564 mm)	007-1780		
23.62″ (600 mm)	007-1781		
23.78″ (604 mm)	007-1782		
24.80″ (630 mm)	007-1783		
24.96″ (634 mm)	007-1784		
25.59″ (650 mm)	007-1785		
25.75″ (654 mm)	007-1786		
27.56″ (700 mm)	007-1787		
27.72″ (704 mm)	007-1788		

Diameter is the hose inside diameter.

Secure with KLB band clamps.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 0.7 mm

Material Polyurethane PU-UF07, 0.028″ (0.7 mm), clear transparent

Pressure rating Up to +2.9 psi (+0.2 bar) at 140 F (60 C) max.

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Not published



Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
1.97″ (50 mm)	007-1789		
2.28″ (58 mm)	007-1790		
2.36″ (60 mm)	007-1791		
2.52″ (64 mm)	007-1792		
2.56″ (65 mm)	007-1793		
2.72″ (69 mm)	007-1794		
2.76″ (70 mm)	007-1795		
2.91″ (74 mm)	007-1796		
2.95″ (75 mm)	007-1797		
2.99″ (76 mm)	007-1798		
3.15″ (80 mm)	007-1799		
3.31″ (84 mm)	007-1800		
3.35″ (85 mm)	007-1801		
3.50″ (89 mm)	007-1802		
3.54″ (90 mm)	007-1803		
3.94″ (100 mm)	007-1804	007-1805	007-1806

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
4.06″ (103 mm)	007-1807	007-1808	007-1809
4.09″ (104 mm)	007-1810	007-1811	007-1812
4.13″ (105 mm)	007-1813	007-1814	007-1815
4.17″ (106 mm)	007-1816	007-1817	007-1818
4.25″ (108 mm)	007-1819	007-1820	007-1821
4.33″ (110 mm)	007-1822	007-1823	007-1824
4.49″ (114 mm)	007-1825	007-1826	007-1827
4.53″ (115 mm)	007-1828	007-1829	007-1830
4.72″ (120 mm)	007-1831	007-1832	007-1833
4.84″ (123 mm)	007-1834	007-1835	007-1836
4.92″ (125 mm)	007-1837	007-1838	007-1839
5.00″ (127 mm)	007-1840	007-1841	007-1842
5.08″ (129 mm)	007-1843	007-1844	007-1845
5.12″ (130 mm)	007-1846	007-1847	007-1848
5.20″ (132 mm)	007-1849	007-1850	007-1851
5.24″ (133 mm)	007-1852	007-1853	007-1854

Diameter is the hose inside diameter.

Secure with KLB band clamps.

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HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 0.7 mm (continued)

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
5.31″ (135 mm)	007-1855	007-1856	007-1857
5.47″ (139 mm)	007-1858	007-1859	007-1860
5.51″ (140 mm)	007-1861	007-1862	007-1863
5.75″ (146 mm)	007-1864	007-1865	007-1866
5.91″ (150 mm)	007-1867	007-1868	007-1869
5.98″ (152 mm)	007-1870	007-1871	007-1872
6.02″ (153 mm)	007-1873	007-1874	007-1875
6.06″ (154 mm)	007-1876	007-1877	007-1878
6.10″ (155 mm)	007-1879	007-1880	007-1881
6.22″ (158 mm)	007-1882	007-1883	007-1884
6.26″ (159 mm)	007-1885	007-1886	007-1887
6.30″ (160 mm)	007-1888	007-1889	007-1890
6.46″ (164 mm)	007-1891	007-1892	007-1893
6.50″ (165 mm)	007-1894	007-1895	007-1896
6.61″ (168 mm)	007-1897	007-1898	007-1899
6.69″ (170 mm)	007-1900	007-1901	007-1902
6.89″ (175 mm)	007-1903	007-1904	007-1905

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
7.05″ (179 mm)	007-1906	007-1907	007-1908
7.09″ (180 mm)	007-1909	007-1910	007-1911
7.24″ (184 mm)	007-1912	007-1913	007-1914
7.40″ (188 mm)	007-1915	007-1916	007-1917
7.48″ (190 mm)	007-1918	007-1919	007-1920
7.56″ (192 mm)	007-1921	007-1922	007-1923
7.76″ (197 mm)	007-1924	007-1925	007-1926
7.87″ (200 mm)	007-1927	007-1928	007-1929
7.91″ (201 mm)	007-1930	007-1931	007-1932
7.99″ (203 mm)	007-1933	007-1934	007-1935
8.03″ (204 mm)	007-1936	007-1937	007-1938
8.07″ (205 mm)	007-1939	007-1940	007-1941
8.11″ (206 mm)	007-1942	007-1943	007-1944
8.15″ (207 mm)	007-1945	007-1946	007-1947
8.19″ (208 mm)	007-1948	007-1949	007-1950
8.23″ (209 mm)	007-1951	007-1952	007-1953
8.27″ (210 mm)	007-1954	007-1955	007-1956

Diameter is the hose inside diameter.

Secure with KLB band clamps.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 0.7 mm (continued)

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
8.46″ (215 mm)	007-1957	007-1958	007-1959
8.50″ (216 mm)	007-1960	007-1961	007-1962
8.62″ (219 mm)	007-1963	007-1964	007-1965
8.66″ (220 mm)	007-1966	007-1967	007-1968
8.74″ (222 mm)	007-1969	007-1970	007-1971
8.82″ (224 mm)	007-1972	007-1973	007-1974
8.86″ (225 mm)	007-1975	007-1976	007-1977
8.90″ (226 mm)	007-1978	007-1979	007-1980
9.06″ (230 mm)	007-1981	007-1982	007-1983
9.13″ (232 mm)	007-1984	007-1985	007-1986
9.25″ (235 mm)	007-1987	007-1988	007-1989
9.45″ (240 mm)	007-1990	007-1991	007-1992
9.65″ (245 mm)	007-1993	007-1994	007-1995
9.84″ (250 mm)	007-1996	007-1997	007-1998
9.92″ (252 mm)	007-1999	007-2000	007-2001
10.00″ (254 mm)	007-2002	007-2003	007-2004
10.04″ (255 mm)	007-2005	007-2006	007-2007

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
10.12″ (257 mm)	007-2008	007-2009	007-2010
10.16″ (258 mm)	007-2011	007-2012	007-2013
10.24″ (260 mm)	007-2014	007-2015	007-2016
10.28″ (261 mm)	007-2017	007-2018	007-2019
10.39″ (264 mm)	007-2020	007-2021	007-2022
10.43″ (265 mm)	007-2023	007-2024	007-2025
10.63″ (270 mm)	007-2026	007-2027	007-2028
10.67″ (271 mm)	007-2029	007-2030	007-2031
10.75″ (273 mm)	007-2032	007-2033	007-2034
10.79″ (274 mm)	007-2035	007-2036	007-2037
10.91″ (277 mm)	007-2038	007-2039	007-2040
11.02″ (280 mm)	007-2041	007-2042	007-2043
11.30″ (287 mm)	007-2044	007-2045	007-2046
11.42″ (290 mm)	007-2047	007-2048	007-2049
11.81″ (300 mm)	007-2050	007-2051	007-2052
11.89″ (302 mm)	007-2053	007-2054	007-2055
11.97″ (304 mm)	007-2056	007-2057	007-2058

Diameter is the hose inside diameter.

Secure with KLB band clamps.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 0.7 mm (continued)

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
12.05″ (306 mm)	007-2059	007-2060	007-2061
12.13″ (308 mm)	007-2062	007-2063	007-2064
12.20″ (310 mm)	007-2065	007-2066	007-2067
12.28″ (312 mm)	007-2068	007-2069	007-2070
12.40″ (315 mm)	007-2071	007-2072	007-2073
12.52″ (318 mm)	007-2074	007-2075	007-2076
12.56″ (319 mm)	007-2077	007-2078	007-2079
12.60″ (320 mm)	007-2080	007-2081	007-2082
12.72″ (323 mm)	007-2083	007-2084	007-2085
12.80″ (325 mm)	007-2086	007-2087	007-2088
12.91″ (328 mm)	007-2089	007-2090	007-2091
12.99″ (330 mm)	007-2092	007-2093	007-2094
13.39″ (340 mm)	007-2095	007-2096	007-2097
13.50″ (343 mm)	007-2098	007-2099	007-2100
13.54″ (344 mm)	007-2101	007-2102	007-2103
13.66″ (347 mm)	007-2104	007-2105	007-2106
13.78″ (350 mm)	007-2107	007-2108	007-2109

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
13.94″ (354 mm)	007-2110	007-2111	007-2112
13.98″ (355 mm)	007-2113	007-2114	007-2115
14.02″ (356 mm)	007-2116	007-2117	007-2118
14.17″ (360 mm)	007-2119		
14.37″ (365 mm)	007-2120		
14.76″ (375 mm)	007-2121		
14.96″ (380 mm)	007-2122		
15.00″ (381 mm)	007-2123		
15.16″ (385 mm)	007-2124		
15.28″ (388 mm)	007-2125		
15.55″ (395 mm)	007-2126		
15.75″ (400 mm)	007-2127		
15.91″ (404 mm)	007-2128		
15.94″ (405 mm)	007-2129		
15.98″ (406 mm)	007-2130		
16.10″ (409 mm)	007-2131		
16.54″ (420 mm)	007-2132		

Diameter is the hose inside diameter.

Secure with KLB band clamps.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 0.7 mm (continued)

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
16.77″ (426 mm)	007-2133		
17.72″ (450 mm)	007-2134		
17.87″ (454 mm)	007-2135		
17.95″ (456 mm)	007-2136		
18.11″ (460 mm)	007-2137		
18.19″ (462 mm)	007-2138		
18.50″ (470 mm)	007-2139		
18.70″ (475 mm)	007-2140		
19.69″ (500 mm)	007-2141		
19.84″ (504 mm)	007-2142		
19.92″ (506 mm)	007-2143		
20.00″ (508 mm)	007-2144		
20.43″ (519 mm)	007-2145		
21.65″ (550 mm)	007-2146		
21.81″ (554 mm)	007-2147		
22.05″ (560 mm)	007-2148		
22.20″ (564 mm)	007-2149		

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
23.62″ (600 mm)	007-2150		
23.78″ (604 mm)	007-2151		
23.82″ (605 mm)	007-2152		
23.86″ (606 mm)	007-2153		
24.02″ (610 mm)	007-2154		
24.80″ (630 mm)	007-2155		
24.96″ (634 mm)	007-2156		
25.39″ (645 mm)	007-2157		
25.59″ (650 mm)	007-2158		
25.75″ (654 mm)	007-2159		
27.56″ (700 mm)	007-2160		
27.68″ (703 mm)	007-2161		
27.72″ (704 mm)	007-2162		
28.46″ (723 mm)	007-2163		
30.08″ (764 mm)	007-2164		
31.65″ (804 mm)	007-2165		
37.20″ (945 mm)	007-2166		

Diameter is the hose inside diameter.

Secure with KLB band clamps.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 1.0 mm

Material Polyurethane PU-UF1, 0.039″ (1.0 mm), transparent

Temperature -40 to 194 F (-40 to 90 C), surge to 248 F (120 C)

Pressure rating -2.9 to +4.9 psi (-0.2 to +0.34 bar)

Electrostatic Surface 5 × 10^{12} Ω · Volume 3 × 10^{11} Ω·m

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011



Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
1.97″ (50 mm)	007-2167		
2.28″ (58 mm)	007-2168		
2.36″ (60 mm)	007-2169		
2.52″ (64 mm)	007-2170		
2.56″ (65 mm)	007-2171		
2.72″ (69 mm)	007-2172		
2.76″ (70 mm)	007-2173		
2.91″ (74 mm)	007-2174		
2.95″ (75 mm)	007-2175		
2.99″ (76 mm)	007-2176		
3.15″ (80 mm)	007-2177		
3.31″ (84 mm)	007-2178		
3.35″ (85 mm)	007-2179		
3.50″ (89 mm)	007-2180		
3.54″ (90 mm)	007-2181		
3.62″ (92 mm)	007-2182		

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
3.94″ (100 mm)	007-2183	007-2184	007-2185
4.06″ (103 mm)	007-2186	007-2187	007-2188
4.09″ (104 mm)	007-2189	007-2190	007-2191
4.13″ (105 mm)	007-2192	007-2193	007-2194
4.17″ (106 mm)	007-2195	007-2196	007-2197
4.25″ (108 mm)	007-2198	007-2199	007-2200
4.33″ (110 mm)	007-2201	007-2202	007-2203
4.49″ (114 mm)	007-2204	007-2205	007-2206
4.53″ (115 mm)	007-2207	007-2208	007-2209
4.72″ (120 mm)	007-2210	007-2211	007-2212
4.84″ (123 mm)	007-2213	007-2214	007-2215
4.92″ (125 mm)	007-2216	007-2217	007-2218
5.00″ (127 mm)	007-2219	007-2220	007-2221
5.08″ (129 mm)	007-2222	007-2223	007-2224
5.12″ (130 mm)	007-2225	007-2226	007-2227
5.20″ (132 mm)	007-2228	007-2229	007-2230

Diameter is the hose inside diameter.

Secure with KLB band clamps.

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HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 1.0 mm (continued)

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
5.24″ (133 mm)	007-2231	007-2232	007-2233
5.31″ (135 mm)	007-2234	007-2235	007-2236
5.47″ (139 mm)	007-2237	007-2238	007-2239
5.51″ (140 mm)	007-2240	007-2241	007-2242
5.75″ (146 mm)	007-2243	007-2244	007-2245
5.91″ (150 mm)	007-2246	007-2247	007-2248
5.98″ (152 mm)	007-2249	007-2250	007-2251
6.02″ (153 mm)	007-2252	007-2253	007-2254
6.06″ (154 mm)	007-2255	007-2256	007-2257
6.10″ (155 mm)	007-2258	007-2259	007-2260
6.22″ (158 mm)	007-2261	007-2262	007-2263
6.26″ (159 mm)	007-2264	007-2265	007-2266
6.30″ (160 mm)	007-2267	007-2268	007-2269
6.46″ (164 mm)	007-2270	007-2271	007-2272
6.50″ (165 mm)	007-2273	007-2274	007-2275
6.61″ (168 mm)	007-2276	007-2277	007-2278
6.69″ (170 mm)	007-2279	007-2280	007-2281
6.89″ (175 mm)	007-2282	007-2283	007-2284

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
7.05″ (179 mm)	007-2285	007-2286	007-2287
7.09″ (180 mm)	007-2288	007-2289	007-2290
7.24″ (184 mm)	007-2291	007-2292	007-2293
7.40″ (188 mm)	007-2294	007-2295	007-2296
7.48″ (190 mm)	007-2297	007-2298	007-2299
7.56″ (192 mm)	007-2300	007-2301	007-2302
7.76″ (197 mm)	007-2303	007-2304	007-2305
7.87″ (200 mm)	007-2306	007-2307	007-2308
7.91″ (201 mm)	007-2309	007-2310	007-2311
7.99″ (203 mm)	007-2312	007-2313	007-2314
8.03″ (204 mm)	007-2315	007-2316	007-2317
8.07″ (205 mm)	007-2318	007-2319	007-2320
8.11″ (206 mm)	007-2321	007-2322	007-2323
8.15″ (207 mm)	007-2324	007-2325	007-2326
8.19″ (208 mm)	007-2327	007-2328	007-2329
8.23″ (209 mm)	007-2330	007-2331	007-2332
8.27″ (210 mm)	007-2333	007-2334	007-2335

Diameter is the hose inside diameter.

Secure with KLB band clamps.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 1.0 mm (continued)

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
8.46″ (215 mm)	007-2336	007-2337	007-2338
8.50″ (216 mm)	007-2339	007-2340	007-2341
8.62″ (219 mm)	007-2342	007-2343	007-2344
8.66″ (220 mm)	007-2345	007-2346	007-2347
8.74″ (222 mm)	007-2348	007-2349	007-2350
8.82″ (224 mm)	007-2351	007-2352	007-2353
8.86″ (225 mm)	007-2354	007-2355	007-2356
8.90″ (226 mm)	007-2357	007-2358	007-2359
9.06″ (230 mm)	007-2360	007-2361	007-2362
9.13″ (232 mm)	007-2363	007-2364	007-2365
9.25″ (235 mm)	007-2366	007-2367	007-2368
9.45″ (240 mm)	007-2369	007-2370	007-2371
9.65″ (245 mm)	007-2372	007-2373	007-2374
9.84″ (250 mm)	007-2375	007-2376	007-2377
9.92″ (252 mm)	007-2378	007-2379	007-2380
10.00″ (254 mm)	007-2381	007-2382	007-2383
10.04″ (255 mm)	007-2384	007-2385	007-2386
10.12″ (257 mm)	007-2387	007-2388	007-2389

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
10.16″ (258 mm)	007-2390	007-2391	007-2392
10.24″ (260 mm)	007-2393	007-2394	007-2395
10.28″ (261 mm)	007-2396	007-2397	007-2398
10.39″ (264 mm)	007-2399	007-2400	007-2401
10.43″ (265 mm)	007-2402	007-2403	007-2404
10.63″ (270 mm)	007-2405	007-2406	007-2407
10.67″ (271 mm)	007-2408	007-2409	007-2410
10.75″ (273 mm)	007-2411	007-2412	007-2413
10.79″ (274 mm)	007-2414	007-2415	007-2416
10.91″ (277 mm)	007-2417	007-2418	007-2419
11.02″ (280 mm)	007-2420	007-2421	007-2422
11.30″ (287 mm)	007-2423	007-2424	007-2425
11.42″ (290 mm)	007-2426	007-2427	007-2428
11.81″ (300 mm)	007-2429	007-2430	007-2431
11.89″ (302 mm)	007-2432	007-2433	007-2434
11.97″ (304 mm)	007-2435	007-2436	007-2437
12.05″ (306 mm)	007-2438	007-2439	007-2440

Diameter is the hose inside diameter.

Secure with KLB band clamps.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 1.0 mm (continued)

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
12.13″ (308 mm)	007-2441	007-2442	007-2443
12.20″ (310 mm)	007-2444	007-2445	007-2446
12.28″ (312 mm)	007-2447	007-2448	007-2449
12.40″ (315 mm)	007-2450	007-2451	007-2452
12.52″ (318 mm)	007-2453	007-2454	007-2455
12.56″ (319 mm)	007-2456	007-2457	007-2458
12.60″ (320 mm)	007-2459	007-2460	007-2461
12.72″ (323 mm)	007-2462	007-2463	007-2464
12.80″ (325 mm)	007-2465	007-2466	007-2467
12.91″ (328 mm)	007-2468	007-2469	007-2470
12.99″ (330 mm)	007-2471	007-2472	007-2473
13.39″ (340 mm)	007-2474	007-2475	007-2476
13.50″ (343 mm)	007-2477	007-2478	007-2479
13.54″ (344 mm)	007-2480	007-2481	007-2482
13.66″ (347 mm)	007-2483	007-2484	007-2485
13.78″ (350 mm)	007-2486	007-2487	007-2488
13.94″ (354 mm)	007-2489	007-2490	007-2491
13.98″ (355 mm)	007-2492	007-2493	007-2494

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
14.02″ (356 mm)	007-2495	007-2496	007-2497
14.17″ (360 mm)	007-2498		
14.37″ (365 mm)	007-2499		
14.76″ (375 mm)	007-2500		
14.96″ (380 mm)	007-2501		
15.00″ (381 mm)	007-2502		
15.16″ (385 mm)	007-2503		
15.28″ (388 mm)	007-2504		
15.55″ (395 mm)	007-2505		
15.75″ (400 mm)	007-2506		
15.91″ (404 mm)	007-2507		
15.94″ (405 mm)	007-2508		
15.98″ (406 mm)	007-2509		
16.10″ (409 mm)	007-2510		
16.54″ (420 mm)	007-2511		
16.77″ (426 mm)	007-2512		
17.72″ (450 mm)	007-2513		

Diameter is the hose inside diameter.

Secure with KLB band clamps.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 1.0 mm (continued)

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
17.87″ (454 mm)	007-2514		
17.95″ (456 mm)	007-2515		
18.11″ (460 mm)	007-2516		
18.19″ (462 mm)	007-2517		
18.50″ (470 mm)	007-2518		
18.70″ (475 mm)	007-2519		
19.69″ (500 mm)	007-2520		
19.84″ (504 mm)	007-2521		
19.92″ (506 mm)	007-2522		
20.00″ (508 mm)	007-2523		
20.43″ (519 mm)	007-2524		
21.65″ (550 mm)	007-2525		
21.81″ (554 mm)	007-2526		
22.05″ (560 mm)	007-2527		
22.20″ (564 mm)	007-2528		
23.62″ (600 mm)	007-2529		

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)	3 m roll (9.8 ft)
23.78″ (604 mm)	007-2530		
23.82″ (605 mm)	007-2531		
23.86″ (606 mm)	007-2532		
24.02″ (610 mm)	007-2533		
24.80″ (630 mm)	007-2534		
24.96″ (634 mm)	007-2535		
25.39″ (645 mm)	007-2536		
25.59″ (650 mm)	007-2537		
25.75″ (654 mm)	007-2538		
27.56″ (700 mm)	007-2539		
27.68″ (703 mm)	007-2540		
27.72″ (704 mm)	007-2541		
28.46″ (723 mm)	007-2542		
30.08″ (764 mm)	007-2543		
31.65″ (804 mm)	007-2544		
37.20″ (945 mm)	007-2545		

Diameter is the hose inside diameter.

Secure with KLB band clamps.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 1.5 mm

Material Polyurethane PU-UF15, 0.059″ (1.5 mm), clear transparent

Pressure rating -2.9 to +5.0 psi (-0.2 to +0.34 bar) up to 194 F (90 C)

Food contact FDA 21 CFR 175.105, 177.1680, 177.2600 · (EC) 1935/2004 · (EU) 10/2011

Temperature -40 to 194 F (-40 to 90 C)

Electrostatic Surface 5 × 10^{12} Ω · Volume 3 × 10^{11} Ω·m



Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)
1.97″ (50 mm)	007-2546	
2.28″ (58 mm)	007-2547	
2.36″ (60 mm)	007-2548	
2.52″ (64 mm)	007-2549	
2.56″ (65 mm)	007-2550	
2.72″ (69 mm)	007-2551	
2.76″ (70 mm)	007-2552	
2.91″ (74 mm)	007-2553	
2.95″ (75 mm)	007-2554	
2.99″ (76 mm)	007-2555	
3.15″ (80 mm)	007-2556	
3.31″ (84 mm)	007-2557	
3.35″ (85 mm)	007-2558	
3.50″ (89 mm)	007-2559	
3.54″ (90 mm)	007-2560	
3.94″ (100 mm)	007-2561	007-2562

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)
4.06″ (103 mm)	007-2563	007-2564
4.09″ (104 mm)	007-2565	007-2566
4.13″ (105 mm)	007-2567	007-2568
4.17″ (106 mm)	007-2569	007-2570
4.25″ (108 mm)	007-2571	007-2572
4.33″ (110 mm)	007-2573	007-2574
4.49″ (114 mm)	007-2575	007-2576
4.53″ (115 mm)	007-2577	007-2578
4.72″ (120 mm)	007-2579	007-2580
4.84″ (123 mm)	007-2581	007-2582
4.92″ (125 mm)	007-2583	007-2584
5.00″ (127 mm)	007-2585	007-2586
5.08″ (129 mm)	007-2587	007-2588
5.12″ (130 mm)	007-2589	007-2590
5.20″ (132 mm)	007-2591	007-2592
5.24″ (133 mm)	007-2593	007-2594

Diameter is the hose inside diameter.

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HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 1.5 mm (continued)

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)
5.31″ (135 mm)	007-2595	007-2596
5.47″ (139 mm)	007-2597	007-2598
5.51″ (140 mm)	007-2599	007-2600
5.75″ (146 mm)	007-2601	007-2602
5.91″ (150 mm)	007-2603	007-2604
5.98″ (152 mm)	007-2605	007-2606
6.02″ (153 mm)	007-2607	007-2608
6.06″ (154 mm)	007-2609	007-2610
6.10″ (155 mm)	007-2611	007-2612
6.22″ (158 mm)	007-2613	007-2614
6.26″ (159 mm)	007-2615	007-2616
6.30″ (160 mm)	007-2617	007-2618
6.46″ (164 mm)	007-2619	007-2620
6.50″ (165 mm)	007-2621	007-2622
6.61″ (168 mm)	007-2623	007-2624
6.69″ (170 mm)	007-2625	007-2626
6.89″ (175 mm)	007-2627	007-2628

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)
7.05″ (179 mm)	007-2629	007-2630
7.09″ (180 mm)	007-2631	007-2632
7.24″ (184 mm)	007-2633	007-2634
7.40″ (188 mm)	007-2635	007-2636
7.48″ (190 mm)	007-2637	007-2638
7.56″ (192 mm)	007-2639	007-2640
7.76″ (197 mm)	007-2641	007-2642
7.87″ (200 mm)	007-2643	007-2644
7.91″ (201 mm)	007-2645	007-2646
7.99″ (203 mm)	007-2647	007-2648
8.03″ (204 mm)	007-2649	007-2650
8.07″ (205 mm)	007-2651	007-2652
8.11″ (206 mm)	007-2653	007-2654
8.15″ (207 mm)	007-2655	007-2656
8.19″ (208 mm)	007-2657	007-2658
8.23″ (209 mm)	007-2659	007-2660
8.27″ (210 mm)	007-2661	007-2662

Diameter is the hose inside diameter.

Secure with KLB band clamps.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 1.5 mm (continued)

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)
8.46″ (215 mm)	007-2663	007-2664
8.50″ (216 mm)	007-2665	007-2666
8.62″ (219 mm)	007-2667	007-2668
8.66″ (220 mm)	007-2669	007-2670
8.74″ (222 mm)	007-2671	007-2672
8.82″ (224 mm)	007-2673	007-2674
8.86″ (225 mm)	007-2675	007-2676
8.90″ (226 mm)	007-2677	007-2678
9.06″ (230 mm)	007-2679	007-2680
9.13″ (232 mm)	007-2681	007-2682
9.25″ (235 mm)	007-2683	007-2684
9.45″ (240 mm)	007-2685	007-2686
9.65″ (245 mm)	007-2687	007-2688
9.84″ (250 mm)	007-2689	007-2690
9.92″ (252 mm)	007-2691	007-2692
10.00″ (254 mm)	007-2693	007-2694
10.04″ (255 mm)	007-2695	007-2696

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)
10.12″ (257 mm)	007-2697	007-2698
10.16″ (258 mm)	007-2699	007-2700
10.24″ (260 mm)	007-2701	007-2702
10.28″ (261 mm)	007-2703	007-2704
10.39″ (264 mm)	007-2705	007-2706
10.43″ (265 mm)	007-2707	007-2708
10.63″ (270 mm)	007-2709	007-2710
10.67″ (271 mm)	007-2711	007-2712
10.75″ (273 mm)	007-2713	007-2714
10.79″ (274 mm)	007-2715	007-2716
10.91″ (277 mm)	007-2717	007-2718
11.02″ (280 mm)	007-2719	007-2720
11.30″ (287 mm)	007-2721	007-2722
11.42″ (290 mm)	007-2723	007-2724
11.81″ (300 mm)	007-2725	007-2726
11.89″ (302 mm)	007-2727	007-2728
11.97″ (304 mm)	007-2729	007-2730

Diameter is the hose inside diameter.

Secure with KLB band clamps.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 1.5 mm (continued)

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)
12.05″ (306 mm)	007-2731	007-2732
12.13″ (308 mm)	007-2733	007-2734
12.20″ (310 mm)	007-2735	007-2736
12.28″ (312 mm)	007-2737	007-2738
12.40″ (315 mm)	007-2739	007-2740
12.52″ (318 mm)	007-2741	007-2742
12.56″ (319 mm)	007-2743	007-2744
12.60″ (320 mm)	007-2745	007-2746
12.72″ (323 mm)	007-2747	007-2748
12.80″ (325 mm)	007-2749	007-2750
12.91″ (328 mm)	007-2751	007-2752
12.99″ (330 mm)	007-2753	007-2754
13.39″ (340 mm)	007-2755	007-2756
13.50″ (343 mm)	007-2757	007-2758
13.54″ (344 mm)	007-2759	007-2760
13.66″ (347 mm)	007-2761	007-2762
13.78″ (350 mm)	007-2763	007-2764

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)
13.94″ (354 mm)	007-2765	007-2766
13.98″ (355 mm)	007-2767	007-2768
14.02″ (356 mm)	007-2769	007-2770
14.17″ (360 mm)	007-2771	
14.37″ (365 mm)	007-2772	
14.76″ (375 mm)	007-2773	
14.96″ (380 mm)	007-2774	
15.00″ (381 mm)	007-2775	
15.16″ (385 mm)	007-2776	
15.28″ (388 mm)	007-2777	
15.55″ (395 mm)	007-2778	
15.75″ (400 mm)	007-2779	
15.91″ (404 mm)	007-2780	
15.94″ (405 mm)	007-2781	
15.98″ (406 mm)	007-2782	
16.10″ (409 mm)	007-2783	
16.54″ (420 mm)	007-2784	

Diameter is the hose inside diameter.

Secure with KLB band clamps.

HOSE ON ROLL (HOR) · SEAMLESS POLYURETHANE · PLAIN ENDS

Polyurethane 1.5 mm (continued)

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)
16.77″ (426 mm)	007-2785	
17.72″ (450 mm)	007-2786	
17.87″ (454 mm)	007-2787	
17.95″ (456 mm)	007-2788	
18.11″ (460 mm)	007-2789	
18.19″ (462 mm)	007-2790	
18.50″ (470 mm)	007-2791	
18.70″ (475 mm)	007-2792	
19.69″ (500 mm)	007-2793	
19.84″ (504 mm)	007-2794	
19.92″ (506 mm)	007-2795	
20.00″ (508 mm)	007-2796	
20.43″ (519 mm)	007-2797	
21.65″ (550 mm)	007-2798	
21.81″ (554 mm)	007-2799	
22.05″ (560 mm)	007-2800	
22.20″ (564 mm)	007-2801	

Diameter	1 m roll (3.3 ft)	2 m roll (6.6 ft)
23.62″ (600 mm)	007-2802	
23.78″ (604 mm)	007-2803	
23.82″ (605 mm)	007-2804	
23.86″ (606 mm)	007-2805	
24.02″ (610 mm)	007-2806	
24.80″ (630 mm)	007-2807	
24.96″ (634 mm)	007-2808	
25.39″ (645 mm)	007-2809	
25.59″ (650 mm)	007-2810	
25.75″ (654 mm)	007-2811	
27.56″ (700 mm)	007-2812	
27.68″ (703 mm)	007-2813	
27.72″ (704 mm)	007-2814	
28.46″ (723 mm)	007-2815	
30.08″ (764 mm)	007-2816	
31.65″ (804 mm)	007-2817	
37.20″ (945 mm)	007-2818	

Diameter is the hose inside diameter.

Secure with KLB band clamps.

SILICONE WEIGHING BELLOWS (BG) · PLAIN ENDS

Weighing Bellows

Material Silicone, 0.039″ (1.0 mm)

Temperature -76 to 392 F (-60 to 200 C), surge to 428 F (220 C)

Electrostatic Black conductive grade below 10^6 Ω

Length 3.5″ (90 mm) overall, 0.8″ (20 mm) sleeve each end

Pressure rating Atmospheric only

Food contact FDA 21 CFR 177.2600 · (EC) 1935/2004

White, Classic Spherical

Part No.	Size	Dia.
007-3030	1.97″	50 mm
007-3031	2.36″	60 mm
007-3032	2.95″	75 mm
007-3033	3.94″	100 mm
007-3034	4.49″	114 mm
007-3035	5.51″	140 mm
007-3036	5.91″	150 mm
007-3037	6.61″	168 mm
007-3038	7.87″	200 mm
007-3039	8.62″	219 mm
007-3040	9.84″	250 mm
007-3041	11.81″	300 mm
007-3042	13.78″	350 mm

Black Conductive, Spherical

Part No.	Size	Dia.
007-3043	2.36″	60 mm
007-3044	2.95″	75 mm
007-3045	3.94″	100 mm
007-3046	4.49″	114 mm
007-3047	5.91″	150 mm
007-3048	7.87″	200 mm
007-3049	9.84″	250 mm
007-3050	11.81″	300 mm

White, Asymmetrical Conical

Part No.	Size	Dia.
007-3051	1.97″	50 mm
007-3052	2.36″	60 mm
007-3053	2.95″	75 mm
007-3054	3.94″	100 mm
007-3055	4.49″	114 mm
007-3056	5.91″	150 mm
007-3057	7.87″	200 mm
007-3058	9.84″	250 mm
007-3059	11.81″	300 mm

Bellows stretch to fit metric or imperial tubing. The asymmetrical conical bellow has a 60 degree lower cone that keeps powder from collecting. † Not rated for food contact to (EC) 1935/2004. Secure with KLB band clamps.

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PRESSED-ON JACOB FLANGE (FDM) · SILICONE WEIGHING BELLOWS (WB)

Flanged Weighing Bellows

Material Silicone weighing bellow, 0.039″ (1.0 mm) bellow, 0.079″ (2.0 mm) end sleeves

Pressure rating Atmospheric only

Flanges 304 stainless steel, glass bead blasted

Temperature -76 to 392 F (-60 to 200 C)

Electrostatic Black conductive grade below 10^6 Ω

Conical length 6.3″ (160 mm) overall



White, Classic Spherical

Size	1.0″ Flange (25 mm)	2.2″ Flange (55 mm)
Jacob 60	007-1253	007-1274
Jacob 80	007-1254	007-1275
Jacob 100	007-1255	007-1276
Jacob 120	007-1256	007-1277
Jacob 140	007-1257	007-1278
Jacob 150	007-1258	007-1279
Jacob 200	007-1259	007-1280
Jacob 250	007-1260	007-1281
Jacob 300	007-1261	007-1282
Jacob 350	007-1262	007-1283

Black Conductive, Spherical

Size	1.0″ Flange (25 mm)	2.2″ Flange (55 mm)
Jacob 60	007-1263	007-1284
Jacob 80	007-1264	007-1285
Jacob 100	007-1265	
Jacob 120		007-1286
Jacob 150	007-1266	007-1287
Jacob 200	007-1267	007-1288
Jacob 250	007-1268	007-1289

White, Asymmetrical Conical

Size	1.0″ Flange (25 mm)	2.2″ Flange (55 mm)
Jacob 60	007-1269	
Jacob 80		007-1290
Jacob 100	007-1270	007-1291
Jacob 150	007-1271	007-1292
Jacob 200	007-1272	007-1293
Jacob 250	007-1273	007-1294

The asymmetrical conical bellow has a 60 degree lower cone that keeps powder from collecting in the bellow. Blank cells are quoted on request.

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KLB 20 BAND CLAMPS · 304 STAINLESS STEEL

KLB 20 Band Clamps

Band 0.79 × 0.04″ (20 × 1 mm), 304 stainless steel (1.4301)

Sections One-piece band to 8.0″ (203 mm), two-piece band above

Use Hose on roll, plain-end flexibles and weighing bellows

Tightening Hex head screw housing, reusable



Part No.	Size range
007-2828	1.10–1.34″ (28–34 mm)
007-2829	1.18–1.42″ (30–36 mm)
007-2830	1.38–1.61″ (35–41 mm)
007-2831	1.57–1.81″ (40–46 mm)
007-2832	1.77–2.40″ (45–61 mm)
007-2833	1.97–2.20″ (50–56 mm)
007-2834	2.17–2.40″ (55–61 mm)
007-2835	2.36–2.60″ (60–66 mm)
007-2836	2.56–2.83″ (65–72 mm)
007-2837	2.76–3.03″ (70–77 mm)
007-2838	2.95–3.23″ (75–82 mm)
007-2839	3.15–3.43″ (80–87 mm)
007-2840	3.35–3.62″ (85–92 mm)
007-2841	3.54–3.82″ (90–97 mm)
007-2842	3.74–4.02″ (95–102 mm)
007-2843	4.13–4.41″ (105–112 mm)
007-2844	4.53–4.80″ (115–122 mm)
007-2845	4.92–5.20″ (125–132 mm)
007-2846	5.12–5.39″ (130–137 mm)
007-2847	5.31–5.59″ (135–142 mm)
007-2848	5.71–5.98″ (145–152 mm)

Part No.	Size range
007-2849	6.10–6.38″ (155–162 mm)
007-2850	6.50–6.77″ (165–172 mm)
007-2851	6.89–7.17″ (175–182 mm)
007-2852	7.28–7.56″ (185–192 mm)
007-2853	7.68–7.99″ (195–203 mm)
007-2854	1.65–2.13″ (42–54 mm)
007-2855	1.85–2.24″ (47–57 mm)
007-2856	2.05–2.52″ (52–64 mm)
007-2857	2.24–2.72″ (57–69 mm)
007-2858	2.44–2.91″ (62–74 mm)
007-2859	2.64–3.11″ (67–79 mm)
007-2860	2.83–3.31″ (72–84 mm)
007-2861	3.03–3.50″ (77–89 mm)
007-2862	3.23–3.70″ (82–94 mm)
007-2863	3.43–3.90″ (87–99 mm)
007-2864	3.62–4.09″ (92–104 mm)
007-2865	4.02–4.49″ (102–114 mm)
007-2866	4.21–4.69″ (107–119 mm)
007-2867	4.41–4.88″ (112–124 mm)
007-2868	4.80–5.28″ (122–134 mm)
007-2869	5.20–5.67″ (132–144 mm)

Part No.	Size range
007-2870	5.59–6.06″ (142–154 mm)
007-2871	5.98–6.46″ (152–164 mm)
007-2872	6.38–6.85″ (162–174 mm)
007-2873	6.57–7.05″ (167–179 mm)
007-2874	6.77–7.24″ (172–184 mm)
007-2875	7.17–7.64″ (182–194 mm)
007-2876	7.56–8.03″ (192–204 mm)
007-2877	7.95–8.43″ (202–214 mm)
007-2878	8.54–9.02″ (217–229 mm)
007-2879	9.06–9.53″ (230–242 mm)
007-2880	9.92–10.39″ (252–264 mm)
007-2881	10.31–10.79″ (262–274 mm)
007-2882	10.91–11.38″ (277–289 mm)
007-2883	11.89–12.36″ (302–314 mm)
007-2884	12.09–12.56″ (307–319 mm)
007-2885	12.48–12.95″ (317–329 mm)
007-2886	13.86–14.33″ (352–364 mm)
007-2887	15.59–16.06″ (396–408 mm)
007-2888	17.72–18.35″ (450–466 mm)
007-2889	19.80–20.43″ (503–519 mm)

Choose the clamp whose size range covers the outside diameter of the assembled connection, including the flexible material. Bands are one piece through 8.0″ (203 mm) and two piece above.

Other KLB clamp styles

KLB 09

0.35″ (9 mm) stainless band. Light duty, for small diameters and thin-wall hose, and for short spigots where axial space is tight. Quoted on request.

KLB 20 (this page)

0.79″ (20 mm) 304 stainless band. General purpose and GQI's standard for dry bulk. One piece through 8.0″ (203 mm), two-piece above, so a large clamp fits in place without threading over the duct.

KLB 25

0.98″ (25 mm) 430 stainless band in two, three and four sections for large diameters. Heavy duty: the wider band spreads clamping force over more sealing area. Filcoflex requires it where explosion- pressure figures apply. Quoted on request.

TRI-CLAMP HARDWARE · 316L STAINLESS STEEL

Tri-Clamp Clamps and Ferrules



Clamps

Part No.	Description
007-2890	clamp, 316L, flange C=50.5mm, 1 hinge 1 wingnut
007-2891	clamp, 316L, flange C=64mm, 1 hinge 1 wingnut
007-2892	clamp, 316L, flange C=77.5mm, 1 hinge 1 wingnut
007-2893	clamp, 316L, flange C=91mm, 1 hinge 1 wingnut
007-2894	clamp, 316L, flange C=106mm, 1 hinge 1 wingnut
007-2895	clamp, 316L, flange C=119mm, 1 hinge 1 wingnut
007-2896	clamp, 316L, flange C=130mm, 1 hinge 1 wingnut
007-2897	clamp, 316L, flange C=144mm, 1 hinge 1 wingnut
007-2898	clamp, 316L, flange C=155mm, 1 hinge 1 wingnut
007-2899	clamp, 316L, flange C=167mm, 1 hinge 1 wingnut
007-2900	clamp, 316L, flange C=183mm, 1 hinge 1 wingnut
007-2901	clamp, 316L, flange C=217.5mm, 1 hinge 1 wingnut
007-2902	clamp, 316L, flange C=233.5mm, 1 hinge 1 wingnut
007-2903	clamp, 316L, flange C=268mm, 1 wingnut 1 wingnut
007-2904	clamp, 316L, flange C=286mm, 1 wingnut 1 wingnut
007-2905	clamp, 316L, flange C=319mm, 1 wingnut 1 wingnut
007-2906	clamp, 316L, flange C=338mm, 1 wingnut 1 wingnut
007-2907	hexagon nut for tool-release conversion, suits clamps C flange OD 91mm - 144mm
007-2908	hexagon nut for tool-release conversion, suits clamps C flange OD 155mm - 338mm

Ferrules, BS 4825-3. Ra below 0.8 µm, 3.1 certificate

Part No.	Standard and size
007-2909	BS 4825-3 size 2" (ID 47.6mm, flange 64mm)
007-2910	BS 4825-3 size 2,5" (ID 60.3mm, flange 77.5mm)
007-2911	BS 4825-3 size 3" (ID 73mm, flange 91mm)
007-2912	BS 4825-3 size 3,5" (ID 84.7mm, flange 106mm)
007-2913	BS 4825-3 size 4" (ID 97.6mm, flange 119mm)
007-2914	BS 4825-3 size 5" (ID 123mm, flange 144.4mm)
007-2915	BS 4825-3 size 5,5" (ID 135.76mm, flange 155mm)
007-2916	BS 4825-3 size 6 5/8" (ID 163.1mm, flange 183mm)
007-2917	BS 4825-3 size 8 5/8" (ID 213.9mm, flange 233.5mm)
007-2918	BS 4825-3 size 10 5/8" (ID 266.3mm, flange 286.1mm)
007-2919	BS 4825-3 size 12" (ID 300.8mm, flange 319mm)
007-2920	BS 4825-3 size 12 5/8" (ID 315.9mm, flange 338mm)

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TRI-CLAMP HARDWARE · 316L STAINLESS STEEL

Tri-Clamp Ferrules (continued)

Ferrules, DIN 32676

Part No.	Standard and size
007-2921	DIN32676 size 40 (ID 38mm, flange 50.5mm)
007-2922	DIN32676 size 50 (ID 50mm, flange 64mm)
007-2923	DIN32676 size 65 (ID 66mm, flange 91mm)
007-2924	DIN32676 size 80 (ID 81mm, flange 106mm)
007-2925	DIN32676 size 100 (ID 100mm, flange 119mm)
007-2926	DIN32676 size 125 B (ID 125mm, flange 155mm)
007-2927	DIN32676 size 125 S (ID 125mm, flange 144.4mm)
007-2928	DIN32676 size 150 B (ID 150mm, flange 183mm)
007-2929	DIN32676 size 150 S (ID 150mm, flange 167mm)
007-2930	DIN32676 size 200 B (ID 200mm, flange 233.5mm)
007-2931	DIN32676 size 200 S (ID 200mm, flange 217.4mm)
007-2932	DIN32676 size 250 (ID 250mm, flange 268mm)
007-2933	DIN32676 size 300 (ID 300mm, flange 319mm)

Ferrules, ISO 1127

Part No.	Standard and size
007-2934	ISO1127 size 40 (ID 44.3mm, flange 64mm)
007-2935	ISO1127 size 50 (ID 56.3mm, flange 77.5mm)
007-2936	ISO1127 size 65 (ID 72.1mm, flange 91mm)
007-2937	ISO1127 size 80 (ID 84.9mm, flange 106mm)
007-2938	ISO1127 size 100 (ID 110.3mm, flange 130mm)
007-2939	ISO1127 size 125 (ID 135.7mm, flange 155mm)
007-2940	ISO1127 size 150 (ID 163.1mm, flange 183mm)
007-2941	ISO1127 size 200 (ID 213.9mm, flange 233.5mm)
007-2942	ISO1127 size 250 (ID 267.8mm, flange 286.1mm)
007-2943	ISO1127 size 300 (ID 318.7mm, flange 338.5mm)

Ferrules, ASME BPE and L14AM

Part No.	Standard and size
007-2944	ASME BPE 2" (ID 47.5mm, flange 64mm)
007-2945	ASME BPE 2.5" (ID 60.2mm, flange 77.5mm)
007-2946	ASME BPE 3" (ID 72.9mm, flange 91mm)
007-2947	ASME BPE 4" (ID 97.38mm, flange 119mm)
007-2948	ASME BPE 6" (ID 146.86mm, flange 167mm)
007-2949	L14AM_US 8" (ID 197.66mm, flange 217.67mm)
007-2950	L14AM_US 10" (ID 248.46mm, flange 268.5mm)
007-2951	L14AM_US 12" (ID 299.26mm, flange 319.27mm)

Ra below 0.8 µm, 3.1 certificate.

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TRI-CLAMP HARDWARE · LIPPED SEALS

Tri-Clamp Seals



Size	Bore	EPDM, black	Silicone	PTFE, white
BS 4825-3				
2 1/2″	ID 2.37″ (60.3 mm)	007-2952	007-2980	007-3008
3″	ID 2.87″ (73 mm)	007-2953	007-2981	007-3009
3 1/2″	ID 3.33″ (84.7 mm)	007-2954		
4″	ID 3.84″ (97.6 mm)	007-2955	007-2982	007-3010
4 1/2″	ID 4.34″ (110.3 mm)	007-2956	007-2983	007-3011
5″	ID 4.84″ (123 mm)	007-2957		
5 1/2″	ID 5.34″ (135.76 mm)	007-2958	007-2984	007-3012
6″	ID 5.91″ (150 mm)	007-2959	007-2985	007-3013
6 5/8″	ID 6.42″ (163.1 mm)	007-2960	007-2986	007-3014
8″	ID 7.87″ (200 mm)	007-2961	007-2987	007-3015
8 5/8″	ID 8.42″ (213.9 mm)	007-2962	007-2988	007-3016
10″	ID 9.84″ (250 mm)	007-2963	007-2989	007-3017
10 5/8″	ID 10.48″ (266.3 mm)	007-2964	007-2990	
12″	ID 11.84″ (300.8 mm)	007-2965	007-2991	
12 5/8″	ID 12.44″ (315.9 mm)	007-2966	007-2992	007-3018
DIN 32676				
DN 65	ID 2.60″ (66 mm)	007-2967	007-2993	007-3019
DN 80	ID 3.19″ (81 mm)		007-2994	
DN 100	ID 3.94″ (100 mm)	007-2968	007-2995	007-3020
DN 125 S	ID 4.92″ (125 mm)	007-2969		
DN 125 B	ID 4.92″ (125 mm)	007-2970	007-2996	007-3021
DN 150 B	ID 5.91″ (150 mm)	007-2971	007-2997	007-3022
DN 200 B	ID 7.87″ (200 mm)	007-2972	007-2998	007-3023
DN 300	ID 11.81″ (300 mm)	007-2973	007-2999	007-3024
ISO 1127				
DN 65	ID 2.84″ (72.1 mm)		007-3000	
DN 80	ID 3.34″ (84.9 mm)		007-3001	
DN 100	ID 4.34″ (110.3 mm)	007-2974	007-3002	007-3025
DN 125	ID 5.34″ (135.7 mm)	007-2975	007-3003	007-3026
DN 150	ID 6.42″ (163.1 mm)	007-2976	007-3004	007-3027
DN 200	ID 8.42″ (213.9 mm)	007-2977	007-3005	007-3028
DN 250	ID 10.54″ (267.8 mm)	007-2978	007-3006	007-3029
DN 300	ID 12.55″ (318.7 mm)	007-2979	007-3007	

All seals are FDA compliant. Blank cells are quoted on request.

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