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11 Internet Printing Protocol/1.1: "media" attribute values extension
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26 Abstract

27 This document specifies additional type3 keyword values for the IPP/1.1 "media" Job
28 Template attribute for use with the Internet Printing Protocol/1.1 (IPP). This attribute
29 permits the client to specify additional media options, including values of media common
30 to engineering drawings.

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39 **1 Additional values for the "media" Job Template attribute**

40 **1.1 Problem**

41 Need additional type3 keyword values for media to support the additional sizes and types
42 of media common to engineering drawings.

43 **1.2 Suggested solution**

44 This solution is a new solution to address the unique requirements for the engineering
45 market. The suggestion is to add additional type3 keyword values to the "media" Job
46 Template attributes (also applies to "media-default", "media-supported" and "media-
47 ready" attributes).

48

49 **1.3 Proposed Text**

50 Add the following paragraphs indicated with revision marks to the description of the
51 "media" Job Template attribute (section 4.2.11), References (section 9), and Appendix C:
52 "media" keyword values (section 14), so that the entire sections would be:

53 **4.2.11 media (type3 keyword | name(MAX))**

54 This attribute identifies the medium that the Printer uses for all impressions of the Job.

55 The values for "media" include medium-names, medium-sizes, input-trays and electronic
56 forms so that one attribute specifies the media. If a Printer object supports a medium
57 name as a value of this attribute, such a medium name implicitly selects an input-tray that
58 contains the specified medium. If a Printer object supports a medium size as a value of
59 this attribute, such a medium size implicitly selects a medium name that in turn implicitly
60 selects an input-tray that contains the medium with the specified size. If a Printer object
61 supports an input-tray as the value of this attribute, such an input-tray implicitly selects
62 the medium that is in that input-tray at the time the job prints. This case includes manual-
63 feed input-trays. If a Printer object supports an electronic form as the value of this
64 attribute, such an electronic form implicitly selects a medium-name that in turn implicitly
65 selects an input-tray that contains the medium specified by the electronic form. The

66 electronic form also implicitly selects an image that the Printer MUST merge with the
67 document data as its prints each page.

68 Standard keyword values are (taken from ISO DPA, ~~and~~ the Printer MIB and ASME-
69 Y14.1M) and are listed in section 14. An administrator MAY define additional values
70 using the 'name' or 'keyword' attribute syntax, depending on implementation.

71 There is also an additional Printer attribute named "media-ready" which differs from
72 "media-supported" in that legal values only include the subset of "media-supported"
73 values that are physically loaded and ready for printing with no operator intervention
74 required. If an IPP object supports "media-supported", it NEED NOT support "media-
75 ready".

76 The relationship of this attribute and the other attributes that control document processing
77 is described in section 15.3.

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218

219

220 **14. APPENDIX C: "media" keyword values**

221 Standard keyword values are taken from several sources.

222 Standard values are defined (taken from DPA[ISO10175] and the Printer
223 MIB[RFC1759]):

224 'default': The default medium for the output device
225 'iso-a4-white': Specifies the ISO A4 white medium
226 'iso-a4-colored': Specifies the ISO A4 colored medium
227 'iso-a4-transparent' Specifies the ISO A4 transparent medium
228 'iso-a3-white': Specifies the ISO A3 white medium
229 'iso-a3-colored': Specifies the ISO A3 colored medium
230 'iso-a5-white': Specifies the ISO A5 white medium
231 'iso-a5-colored': Specifies the ISO A5 colored medium
232 'iso-b4-white': Specifies the ISO B4 white medium
233 'iso-b4-colored': Specifies the ISO B4 colored medium
234 'iso-b5-white': Specifies the ISO B5 white medium
235 'iso-b5-colored': Specifies the ISO B5 colored medium
236 'jis-b4-white': Specifies the JIS B4 white medium
237 'jis-b4-colored': Specifies the JIS B4 colored medium

238 'jis-b5-white': Specifies the JIS B5 white medium
239 'jis-b5-colored': Specifies the JIS B5 colored medium

240

241 The following standard values are defined for North American media:

242 'na-letter-white': Specifies the North American letter white medium
243 'na-letter-colored': Specifies the North American letter colored medium
244 'na-letter-transparent': Specifies the North American letter transparent medium
245 'na-legal-white': Specifies the North American legal white medium
246 'na-legal-colored': Specifies the North American legal colored medium

247

248 The following standard values are defined for envelopes:

249 'iso-b4-envelope': Specifies the ISO B4 envelope medium
250 'iso-b5-envelope': Specifies the ISO B5 envelope medium
251 'iso-c3-envelope': Specifies the ISO C3 envelope medium
252 'iso-c4-envelope': Specifies the ISO C4 envelope medium
253 'iso-c5-envelope': Specifies the ISO C5 envelope medium
254 'iso-c6-envelope': Specifies the ISO C6 envelope medium
255 'iso-designated-long-envelope': Specifies the ISO Designated Long envelope
256 medium
257 'na-10x13-envelope': Specifies the North American 10x13 envelope medium
258 'na-9x12-envelope': Specifies the North American 9x12 envelope medium
259 'monarch-envelope': Specifies the Monarch envelope
260 'na-number-10-envelope': Specifies the North American number 10 business
261 envelope medium
262 'na-7x9-envelope': Specifies the North American 7x9 inch envelope
263 'na-9x11-envelope': Specifies the North American 9x11 inch envelope
264 'na-10x14-envelope': Specifies the North American 10x14 inch envelope
265 'na-number-9-envelope': Specifies the North American number 9 business envelope
266 'na-6x9-envelope': Specifies the North American 6x9 inch envelope
267 'na-10x15-envelope': Specifies the North American 10x15 inch envelope

268

269 The following standard values are defined for the less commonly used media (~~white-~~
270 ~~only~~):

271 'executive-white': Specifies the white executive medium
272 'folio-white': Specifies the folio white medium
273 'invoice-white': Specifies the white invoice medium
274 'ledger-white': Specifies the white ledger medium
275 'quarto-white': Specified the white quarto medium
276 'iso-a0-white': Specifies the ISO A0 white medium
277 'iso-a0-transparent': Specifies the ISO A0 transparent medium

278 'iso-a0-translucent': Specifies the ISO A0 translucent medium
279 'iso-a1-white': Specifies the ISO A1 white medium
280 'iso-a1-transparent': Specifies the ISO A1 transparent medium
281 'iso-a1-translucent': Specifies the ISO A1 translucent medium
282 'iso-a2-white': Specifies the ISO A2 white medium
283 'iso-a2-transparent': Specifies the ISO A2 transparent medium
284 'iso-a2-translucent': Specifies the ISO A2 translucent medium
285 'iso-a3-transparent': Specifies the ISO A3 transparent medium
286 'iso-a3-translucent': Specifies the ISO A3 translucent medium
287 'iso-a4-translucent': Specifies the ISO A4 translucent medium
288 'iso-a5-transparent': Specifies the ISO A5 transparent medium
289 'iso-a5-translucent': Specifies the ISO A5 translucent medium
290 'iso-a6-white': Specifies the ISO A6 white medium
291 'iso-a7-white': Specifies the ISO A7 white medium
292 'iso-a8-white': Specifies the ISO A8 white medium
293 'iso-a9-white': Specifies the ISO A9 white medium
294 'iso-10-white': Specifies the ISO A10 white medium
295 'iso-b0-white': Specifies the ISO B0 white medium
296 'iso-b1-white': Specifies the ISO B1 white medium
297 'iso-b2-white': Specifies the ISO B2 white medium
298 'iso-b3-white': Specifies the ISO B3 white medium
299 'iso-b6-white': Specifies the ISO B6 white medium
300 'iso-b7-white': Specifies the ISO B7 white medium
301 'iso-b8-white': Specifies the ISO B8 white medium
302 'iso-b9-white': Specifies the ISO B9 white medium
303 'iso-b10-white': Specifies the ISO B10 white medium
304 'jis-b0-white': Specifies the JIS B0 white medium
305 'jis-b1-white': Specifies the JIS B1 white medium
306 'jis-b2-white': Specifies the JIS B2 white medium
307 'jis-b3-white': Specifies the JIS B3 white medium
308 'jis-b6-white': Specifies the JIS B6 white medium
309 'jis-b7-white': Specifies the JIS B7 white medium
310 'jis-b8-white': Specifies the JIS B8 white medium
311 'jis-b9-white': Specifies the JIS B9 white medium
312 'jis-b10-white': Specifies the JIS B10 white medium
313

314 The following standard values are defined for American Standard (i.e. ANSI) engineering
315 media ~~(white-only)~~:

316 'a-white': Specifies the engineering ANSI A size white medium: 8.5 inches x 11
317 inches
318 'a-transparent': Specifies the engineering ANSI A size transparent medium: 8.5
319 inches x 11 inches
320 'a-translucent': Specifies the engineering ANSI A size translucent medium: 8.5
321 inches x 11 inches

322 'b-white': Specifies the engineering ANSI B size white medium: 11 inches x 17
323 inches

324 'b-transparent': Specifies the engineering ANSI B size transparent medium: 11 inches
325 x 17 inches)

326 'b-translucent': Specifies the engineering ANSI B size translucent medium: 11 inches
327 x 17 inches

328 'c-white': Specifies the engineering ANSI C size white medium: 17 inches x 22
329 inches

330 'c-transparent': Specifies the engineering ANSI C size transparent medium: 17 inches
331 x 22 inches

332 'c-translucent': Specifies the engineering ANSI C size translucent medium: 17 inches
333 x 22 inches

334 'd-white': Specifies the engineering ANSI D size white medium: 22 inches x 34
335 inches

336 'd-transparent': Specifies the engineering ANSI D size transparent medium: 22 inches
337 x 34 inches

338 'd-translucent': Specifies the engineering ANSI D size translucent medium: 22 inches
339 x 34 inches

340 'e-white': Specifies the engineering ANSI E size white medium: 34 inches x 44
341 inches

342 'e-transparent': Specifies the engineering ANSI E size transparent medium: 34 inches
343 x 44 inches

344 'e-translucent': Specifies the engineering ANSI E size translucent medium: 34 inches
345 x 44 inches

346

347 The following standard values are defined for American Standard (i.e. ANSI) engineering
348 media for devices that provide the "synchro-cut" feature (see section 14.1):

349 'axsynchro-white': Specifies the engineering ANSI A size white medium: 8.5 inches
350 x 11 inches

351 'axsynchro-transparent': Specifies the engineering ANSI A size transparent medium:
352 8.5 inches x 11 inches

353 'axsynchro-translucent': Specifies the engineering ANSI A size translucent medium:
354 8.5 inches x 11 inches

355 'bxsynchro-white': Specifies the engineering ANSI B size white medium: 11 inches x
356 17 inches

357 'bxsynchro-transparent': Specifies the engineering ANSI B size transparent medium:
358 11 inches x 17 inches

359 'bxsynchro-translucent': Specifies the engineering ANSI B size translucent medium:
360 11 inches x 17 inches

361 'cxsynchro-white': Specifies the engineering ANSI C size white medium: 17 inches x
362 22 inches

363 'cxsynchro-transparent': Specifies the engineering ANSI C size transparent medium:
364 17 inches x 22 inches

365 'cxsynchro-translucent': Specifies the engineering ANSI C size translucent medium:
366 17 inches x 22 inches

367 'dxsynchro-white': Specifies the engineering ANSI D size white medium: 22 inches x
368 34 inches
369 'dxsynchro-transparent': Specifies the engineering ANSI D size transparent medium:
370 22 inches x 34 inches
371 'dxsynchro-translucent': Specifies the engineering ANSI D size translucent medium:
372 22 inches x 34 inches
373 'exsynchro-white': Specifies the engineering ANSI E size white medium: 34 inches x
374 44 inches
375 'exsynchro-transparent': Specifies the engineering ANSI E size transparent medium:
376 34 inches x 44 inches
377 'exsynchro-translucent': Specifies the engineering ANSI E size translucent medium:
378 (34 inches x 44 inches)
379

380 The following standard values are defined for American Architectural engineering media:

381 'arch-a-white': Specifies the Architectural A size white medium: 9 inches x 12 inches
382 'arch-a-transparent': Specifies the Architectural A size transparent medium: 9 inches
383 x 12 inches
384 'arch-a-translucent': Specifies the Architectural A size translucent medium: 9 inches
385 x 12 inches
386 'arch-b-white': Specifies the Architectural B size white medium: 12 inches x 18
387 inches
388 'arch-b-transparent': Specifies the Architectural B size transparent medium: 12 inches
389 x 18 inches
390 'arch-b-translucent': Specifies the Architectural B size translucent medium: 12 inches
391 x 18 inches
392 'arch-c-white': Specifies the Architectural C size white medium: 18 inches x 24
393 inches
394 'arch-c-transparent': Specifies the Architectural C size transparent medium: 18 inches
395 x 24 inches
396 'arch-c-translucent': Specifies the Architectural C size translucent medium: 18 inches
397 x 24 inches
398 'arch-d-white': Specifies the Architectural D size white medium: 24 inches x 36
399 inches
400 'arch-d-transparent': Specifies the Architectural D size transparent medium: 24
401 inches x 36 inches
402 'arch-d-translucent': Specifies the Architectural D size translucent medium: 24 inches
403 x 36 inches
404 'arch-e-white': Specifies the Architectural E size white medium: 36 inches x 48
405 inches
406 'arch-e-transparent': Specifies the Architectural E size transparent medium: 36 inches
407 x 48 inches
408 'arch-e-translucent': Specifies the Architectural E size translucent medium: 36 inches
409 x 48 inches
410

411 The following standard values are defined for American Architectural engineering media
412 for devices that provide the "synchro-cut" feature (see section 14.1):

413 'arch-axsynchro-white': Specifies the Architectural A size white medium (9 inches x
414 12 inches)

415 'arch-axsynchro-transparent': Specifies the Architectural A size transparent medium
416 (9 inches x 12 inches)

417 'arch-axsynchro-translucent': Specifies the Architectural A size translucent medium
418 (9 inches x 12 inches)

419 'arch-bxsynchro-white': Specifies the Architectural B size white medium (12 inches
420 x 18 inches)

421 'arch-bxsynchro-transparent': Specifies the Architectural B size transparent medium
422 (12 inches x 18 inches)

423 'arch-bxsynchro-translucent': Specifies the Architectural B size translucent medium
424 (12 inches x 18 inches)

425 'arch-cxsynchro-white': Specifies the Architectural C size white medium (18 inches
426 x 24 inches)

427 'arch-cxsynchro-transparent': Specifies the Architectural C size transparent medium
428 (18 inches x 24 inches)

429 'arch-cxsynchro-translucent': Specifies the Architectural C size translucent medium
430 (18 inches x 24 inches)

431 'arch-dxsynchro-white': Specifies the Architectural D size white medium (24 inches
432 x 36 inches)

433 'arch-dxsynchro-transparent': Specifies the Architectural D size transparent medium
434 (24 inches x 36 inches)

435 'arch-dxsynchro-translucent': Specifies the Architectural D size translucent medium
436 (24 inches x 36 inches)

437 'arch-exsynchro-white': Specifies the Architectural E size white medium (36 inches
438 x 48 inches)

439 'arch-exsynchro-transparent': Specifies the Architectural E size transparent medium
440 (36 inches x 48 inches)

441 'arch-exsynchro-translucent': Specifies the Architectural E size translucent medium
442 (36 inches x 48 inches)
443

444 The following standard values are defined for Japanese and European Standard (i.e. ISO)
445 engineering media, which are of a long fixed size [ASME-Y14.1M]:

446 'iso-a1x3-white': Specifies the ISO A1X3 white medium

447 'iso-a1x3-transparent': Specifies the ISO A1X3 transparent medium

448 'iso-a1x3-translucent': Specifies the ISO A1X3 translucent medium

449 'iso-a1x4-white': Specifies the ISO A1X4 white medium

450 'iso-a1x4-transparent': Specifies the ISO A1X4 transparent medium

- 451 'iso-a1x4-translucent': Specifies the ISO A1X4 translucent medium
- 452 'iso-a2x3-white': Specifies the ISO A2X3 white medium
- 453 'iso-a2x3-transparent': Specifies the ISO A2X3 transparent medium
- 454 'iso-a2x3-translucent': Specifies the ISO A2X3 translucent medium
- 455 'iso-a2x4-white': Specifies the ISO A2X4 white medium
- 456 'iso-a2x4-transparent': Specifies the ISO A2X4 transparent medium
- 457 'iso-a2x4-translucent': Specifies the ISO A2X4 translucent medium
- 458 'iso-a2x5-white': Specifies the ISO A2X5 white medium
- 459 'iso-a2x5-transparent': Specifies the ISO A2X5 transparent medium
- 460 'iso-a2x5-translucent': Specifies the ISO A2X5 translucent medium
- 461 'iso-a3x3-white': Specifies the ISO A3X3 white medium
- 462 'iso-a3x3-transparent': Specifies the ISO A3X3 transparent medium
- 463 'iso-a3x3-translucent': Specifies the ISO A3X3 translucent medium
- 464 'iso-a3x4-white': Specifies the ISO A3X4 white medium
- 465 'iso-a3x4-transparent': Specifies the ISO A3X4 transparent medium
- 466 'iso-a3x4-translucent': Specifies the ISO A3X4 translucent medium
- 467 'iso-a3x5-white': Specifies the ISO A3X5 white medium
- 468 'iso-a3x5-transparent': Specifies the ISO A3X5 transparent medium
- 469 'iso-a3x5-translucent': Specifies the ISO A3X5 translucent medium
- 470 'iso-a3x6-white': Specifies the ISO A3X6 white medium
- 471 'iso-a3x6-transparent': Specifies the ISO A3X6 transparent medium
- 472 'iso-a3x6-translucent': Specifies the ISO A3X6 translucent medium
- 473 'iso-a3x7-white': Specifies the ISO A3X7 white medium
- 474 'iso-a3x7-transparent': Specifies the ISO A3X7 transparent medium
- 475 'iso-a3x7-translucent': Specifies the ISO A3X7 translucent medium

- 476 'iso-a4x3-white': Specifies the ISO A4X3 white medium
- 477 'iso-a4x3-transparent': Specifies the ISO A4X3 transparent medium
- 478 'iso-a4x3-translucent': Specifies the ISO A4X3 translucent medium
- 479 'iso-a4x4-white': Specifies the ISO A4X4 white medium
- 480 'iso-a4x4-transparent': Specifies the ISO A4X4 transparent medium
- 481 'iso-a4x4-translucent': Specifies the ISO A4X4 translucent medium
- 482 'iso-a4x5-white': Specifies the ISO A4X5 white medium
- 483 'iso-a4x5-transparent': Specifies the ISO A4X5 transparent medium
- 484 'iso-a4x5-translucent': Specifies the ISO A4X5 translucent medium
- 485 'iso-a4x6-white': Specifies the ISO A4X6 white medium
- 486 'iso-a4x6-transparent': Specifies the ISO A4X6 transparent medium
- 487 'iso-a4x6-translucent': Specifies the ISO A4X6 translucent medium
- 488 'iso-a4x7-white': Specifies the ISO A4X7 white medium
- 489 'iso-a4x7-transparent': Specifies the ISO A4X7 transparent medium
- 490 'iso-a4x7-translucent': Specifies the ISO A4X7 translucent medium
- 491 'iso-a4x8-white': Specifies the ISO A4X8 white medium
- 492 'iso-a4x8-transparent': Specifies the ISO A4X8 transparent medium
- 493 'iso-a4x8-translucent': Specifies the ISO A4X8 translucent medium
- 494 'iso-a4x9-white': Specifies the ISO A4X9 white medium
- 495 'iso-a4x9-transparent': Specifies the ISO A4X9 transparent medium
- 496 'iso-a4x9-translucent': Specifies the ISO A4X9 translucent medium

497

498 The following standard values are defined for Japanese and European Standard (i.e. ISO)
499 engineering media, which are either a long fixed size [ASME-Y14.1M] or roll feed, for
500 devices that provide the "synchro-cut" feature (see section 14.1):

501 'iso-a0xsynchro-white': Specifies the roll paper having the width of the longer edge
502 of the ISO A0 white medium and cuts synchronizing with data.

503 'iso-a0xsynchro-transparent': Specifies the roll paper having the width of the longer
504 edge of the ISO A0 transparent medium and cuts synchronizing with data.

505 'iso-a0xsynchro-translucent': Specifies the roll paper having the width of the longer
506 edge of the ISO A0 translucent medium and cuts synchronizing with data.

507 'iso-a1xsynchro-white': Specifies the roll paper having the width of the longer edge
508 of the ISO A1 white medium and cuts synchronizing with data.

509 'iso-a1xsynchro-transparent': Specifies the roll paper having the width of the longer
510 edge of the ISO A1 transparent medium and cuts synchronizing with data.

511 'iso-a1xsynchro-translucent': Specifies the roll paper having the width of the longer
512 edge of the ISO A1 translucent medium and cuts synchronizing with data.

513 'iso-a2xsynchro-white': Specifies the roll paper having the width of the longer edge
514 of the ISO A2 white medium and cuts synchronizing with data.

515 'iso-a2xsynchro-transparent': Specifies the roll paper having the width of the longer
516 edge of the ISO A2 transparent medium and cuts synchronizing with data.

517 'iso-a2xsynchro-translucent': Specifies the roll paper having the width of the longer
518 edge of the ISO A2 translucent medium and cuts synchronizing with data.

519 'iso-a3xsynchro-white': Specifies the roll paper having the width of the longer edge
520 of the ISO A3 white medium and cuts synchronizing with data.

521 'iso-a3xsynchro-transparent': Specifies the roll paper having the width of the longer
522 edge of the ISO A3 transparent medium and cuts synchronizing with data.

523 'iso-a3xsynchro-translucent': Specifies the roll paper having the width of the longer
524 edge of the ISO A3 translucent medium and cuts synchronizing with data.

525 'iso-a4xsynchro-white': Specifies the roll paper having the width of the longer edge
526 of the ISO A4 white medium and cuts synchronizing with data.

527 'iso-a4xsynchro-transparent': Specifies the roll paper having the width of the longer
528 edge of the ISO A4 transparent medium and cuts synchronizing with data.

529 'iso-a4xsynchro-translucent': Specifies the roll paper having the width of the longer
530 edge of the ISO A4 transparent medium and cuts synchronizing with data.

531

532 The following standard values are defined for Japanese and European Standard (i.e. ISO)
533 engineering media, which are either a long fixed size [ASME-Y14.1M] or roll feed, for

534 devices that provide the "synchro-cut" feature and/or the "auto-select" feature (see section
535 14.1):

536 'auto-white': Specifies that the printer selects the white medium with the appropriate
537 fixed size (e.g. a1, a2, etc.) or data-synchro size, and the selection is
538 implementation-defined.

539 'auto-transparent': Specifies that the printer selects the transparent medium with the
540 appropriate fixed size (e.g. a1, a2, etc.) or data-synchro size, and the selection
541 is implementation-defined.

542 'auto-translucent': Specifies that the printer selects the translucent medium with the
543 appropriate fixed size (e.g. a1, a2, etc.) or data-synchro size, and the selection
544 is implementation-defined.

545 'auto-fixed-size-white': Specifies that the printer selects the white medium with the
546 appropriate fixed size (e.g. a1, a2, etc.) or the appropriate long fixed size
547 listed above.

548 'auto-fixed-size-transparent': Specifies that the printer selects the transparent
549 medium with the appropriate fixed size (e.g. a1, a2, etc.) or the appropriate
550 long fixed size listed above.

551 'auto-fixed-size-translucent': Specifies that the printer selects the translucent
552 medium with the appropriate fixed size (e.g. a1, a2, etc.) or the appropriate
553 long fixed size listed above.

554 'auto-synchro-white': Specifies that the printer selects the white roll paper with the
555 appropriate width and cuts it synchronizing with data.

556 'auto-synchro-transparent': Specifies that the printer selects the transparent roll paper
557 with the appropriate width and cuts it synchronizing with data.

558 'auto-synchro-translucent': Specifies that the printer selects the translucent roll paper
559 with the appropriate width and cuts it synchronizing with data.

560

561 The following standard values are defined for input-trays (from ISO DPA and the Printer
562 MIB):

563 'top': The top input tray in the printer.

564 'middle': The middle input tray in the printer.

565 'bottom': The bottom input tray in the printer.

566 'envelope': The envelope input tray in the printer.

567 'manual': The manual feed input tray in the printer.

568 'large-capacity': The large capacity input tray in the printer.

569 'main': The main input tray

570 'side': The side input tray

571

572 The following standard values are defined for media sizes (from ISO DPA):

573 'iso-a0': Specifies the ISO A0 size: 841 mm by 1189 mm as defined in ISO 216

574 'iso-a1': Specifies the ISO A1 size: 594 mm by 841 mm as defined in ISO 216

575 'iso-a2': Specifies the ISO A2 size: 420 mm by 594 mm as defined in ISO 216

576 'iso-a3': Specifies the ISO A3 size: 297 mm by 420 mm as defined in ISO 216

577 'iso-a4': Specifies the ISO A4 size: 210 mm by 297 mm as defined in ISO 216

578 'iso-a5': Specifies the ISO A5 size: 148 mm by 210 mm as defined in ISO 216

579 'iso-a6': Specifies the ISO A6 size: 105 mm by 148 mm as defined in ISO 216

580 'iso-a7': Specifies the ISO A7 size: 74 mm by 105 mm as defined in ISO 216

581 'iso-a8': Specifies the ISO A8 size: 52 mm by 74 mm as defined in ISO 216

582 'iso-a9': Specifies the ISO A9 size: 37 mm by 52 mm as defined in ISO 216

583 'iso-a10': Specifies the ISO A10 size: 26 mm by 37 mm as defined in ISO 216

584 'iso-b0': Specifies the ISO B0 size: 1000 mm by 1414 mm as defined in ISO 216

585 'iso-b1': Specifies the ISO B1 size: 707 mm by 1000 mm as defined in ISO 216

586 'iso-b2': Specifies the ISO B2 size: 500 mm by 707 mm as defined in ISO 216

587 'iso-b3': Specifies the ISO B3 size: 353 mm by 500 mm as defined in ISO 216

588 'iso-b4': Specifies the ISO B4 size: 250 mm by 353 mm as defined in ISO 216

589 'iso-b5': Specifies the ISO B5 size: 176 mm by 250 mm as defined in ISO 216

590 'iso-b6': Specifies the ISO B6 size: 125 mm by 176 mm as defined in ISO 216

591 'iso-b7': Specifies the ISO B7 size: 88 mm by 125 mm as defined in ISO 216

592 'iso-b8': Specifies the ISO B8 size: 62 mm by 88 mm as defined in ISO 216

593 'iso-b9': Specifies the ISO B9 size: 44 mm by 62 mm as defined in ISO 216

594 'iso-b10': Specifies the ISO B10 size: 31 mm by 44 mm as defined in ISO 216

595 'na-letter': Specifies the North American letter size: 8.5 inches by 11 inches

596 'na-legal': Specifies the North American legal size: 8.5 inches by 14 inches

597 'executive': Specifies the executive size (7.25 X 10.5 in)

598 'folio': Specifies the folio size (8.5 X 13 in)

599 'invoice': Specifies the invoice size (5.5 X 8.5 in)

600 'ledger': Specifies the ledger size (11 X 17 in)

601 'quarto': Specifies the quarto size (8.5 X 10.83 in)

602 'iso-c3': Specifies the ISO C3 size: 324 mm by 458 mm as defined in ISO 269

603 'iso-c4': Specifies the ISO C4 size: 229 mm by 324 mm as defined in ISO 269

604 'iso-c5': Specifies the ISO C5 size: 162 mm by 229 mm as defined in ISO 269

605 'iso-c6': Specifies the ISO C6 size: 114 mm by 162 mm as defined in ISO 269

606 'iso-designated-long': Specifies the ISO Designated Long size: 110 mm by 220 mm
607 as defined in ISO 269

608 'na-10x13-envelope': Specifies the North American 10x13 size: 10 inches by 13
609 inches

610 'na-9x12-envelope': Specifies the North American 9x12 size: 9 inches by 12 inches

611 'na-number-10-envelope': Specifies the North American number 10 business
612 envelope size: 4.125 inches by 9.5 inches

613 'na-7x9-envelope': Specifies the North American 7x9 inch envelope size

614 'na-9x11-envelope': Specifies the North American 9x11 inch envelope size
615 'na-10x14-envelope': Specifies the North American 10x14 inch envelope size
616 'na-number-9-envelope': Specifies the North American number 9 business envelope
617 size
618 'na-6x9-envelope': Specifies the North American 6x9 envelope size
619 'na-10x15-envelope': Specifies the North American 10x15 envelope size
620 'monarch-envelope': Specifies the Monarch envelope size (3.87 x 7.5 in)
621 'jis-b0': Specifies the JIS B0 size: 1030mm x 1456mm
622 'jis-b1': Specifies the JIS B1 size: 728mm x 1030mm
623 'jis-b2': Specifies the JIS B2 size: 515mm x 728mm
624 'jis-b3': Specifies the JIS B3 size: 364mm x 515mm
625 'jis-b4': Specifies the JIS B4 size: 257mm x 364mm
626 'jis-b5': Specifies the JIS B5 size: 182mm x 257mm
627 'jis-b6': Specifies the JIS B6 size: 128mm x 182mm
628 'jis-b7': Specifies the JIS B7 size: 91mm x 128mm
629 'jis-b8': Specifies the JIS B8 size: 64mm x 91mm
630 'jis-b9': Specifies the JIS B9 size: 45mm x 64mm
631 'jis-b10': Specifies the JIS B10 size: 32mm x 45mm

632 The following standard values are defined for American Standard (i.e. ANSI) engineering
633 media sizes:

634 'a': Specifies the engineering ANSI A size medium: 8.5 inches x 11 inches
635 'b': Specifies the engineering ANSI B size medium: 11 inches x 17 inches
636 'c': Specifies the engineering ANSI C size medium: 17 inches x 22 inches
637 'd': Specifies the engineering ANSI D size medium: 22 inches x 34 inches
638 'e': Specifies the engineering ANSI E size medium: 34 inches x 44 inches
639

640 The following standard values are defined for American Architectural engineering media
641 sizes:

642 'arch-a': Specifies the Architectural A size medium: 9 inches x 12 inches
643 'arch-b': Specifies the Architectural B size medium: 12 inches x 18 inches
644 'arch-c': Specifies the Architectural C size medium: 18 inches x 24 inches
645 'arch-d': Specifies the Architectural D size medium: 24 inches x 36 inches
646 'arch-e': Specifies the Architectural E size medium: 36 inches x 48 inches
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