

Won-Door FireGuard TR

Pocket Depth Calculation Chart

FireGuard 90TR

STRAIGHT DOOR

Clear Opening Width Min. Pocket Depth*

FROM:	TO:	SINGLE:	BI-PART:
0'-0"	3'-7"	31"	36"
3'-8"	4'-5"	34"	39"
4'-6"	5'-2"	36"	41"
5'-3"	6'-0"	39"	44"
6'-1"	6'-10"	41"	46"
6'-11"	7'-8"	44"	49"
7'-9"	8'-5"	46"	51"
8'-6"	9'-3"	49"	54"
9'-4"	10'-1"	51"	56"
10'-2"	10'-10"	54"	59"
10'-11"	11'-8"	56"	61"
11'-9"	12'-6"	59"	64"
12'-7"	13'-3"	61"	66"
13'-4"	14'-1"	64"	69"
14'-2"	14'-11"	66"	71"
15'-0"	15'-9"	69"	74"
15'-10"	16'-6"	71"	76"
16'-7"	17'-0"	74"	79"
17'-1"	17'-9"	78"	83"
17'-10"	18'-7"	80"	85"
18'-8"	19'-4"	83"	88"
19'-5"	20'-2"	85"	90"
20'-3"	20'-11"	88"	93"
21'-0"	21'-9"	91"	96"
21'-10"	22'-6"	93"	98"
22'-7"	23'-4"	96"	101"
23'-5"	24'-1"	98"	103"
24'-2"	24'-11"	101"	106"
25'-0"	25'-8"	103"	108"
25'-9"	26'-6"	106"	111"
26'-7"	27'-3"	109"	114"
27'-4"	28'-1"	111"	116"
28'-2"	28'-10"	114"	119"
28'-11"	29'-8"	116"	121"
29'-9"	30'-5"	119"	124"

* Minimum Pocket Depth is effected by door height. The charts on this page show Minimum Pocket Depths for doors 10' in height or less. Minimum Pocket Depths for taller doors are shown below:

Height	Single	Bi-part
10' - 14'	34"	39"
14' - 16'	41"	46"
16' - 20'	48"	53"

For doors over 10' in height, if the Minimum Pocket Depth shown on the charts for the required width is less than that shown above use the appropriate value from above instead. If it is not, use the value shown on the charts.

CURVED DOOR

Clear Opening Width Min. Pocket Depth*

FROM:	TO:	SINGLE:	BI-PART:
0'-0"	3'-6"	31"	36"
3'-7"	4'-4"	34"	39"
4'-5"	5'-1"	37"	42"
5'-2"	5'-11"	39"	44"
6'-0"	6'-8"	42"	47"
6'-9"	7'-6"	44"	49"
7'-7"	8'-3"	47"	52"
8'-4"	9'-1"	49"	54"
9'-2"	9'-10"	52"	57"
9'-11"	10'-8"	55"	60"
10'-9"	11'-5"	57"	62"
11'-6"	12'-3"	60"	65"
12'-4"	13'-0"	62"	67"
13'-1"	13'-10"	65"	70"
13'-11"	14'-7"	67"	72"
14'-8"	15'-5"	70"	75"
15'-6"	16'-2"	73"	78"
16'-3"	17'-0"	75"	80"
17'-1"	17'-9"	78"	83"
17'-10"	18'-7"	80"	85"
18'-8"	19'-4"	83"	88"
19'-5"	20'-2"	85"	90"
20'-3"	20'-11"	88"	93"
21'-0"	21'-9"	91"	96"
21'-10"	22'-6"	93"	98"
22'-7"	23'-4"	96"	101"
23'-5"	24'-1"	98"	103"
24'-2"	24'-11"	101"	106"
25'-0"	25'-8"	103"	108"
25'-9"	26'-6"	106"	111"
26'-7"	27'-3"	109"	114"
27'-4"	28'-1"	111"	116"
28'-2"	28'-10"	114"	119"
28'-11"	29'-8"	116"	121"
29'-9"	30'-5"	119"	124"

The above charts are for standard Pocket Mounted Motor Operators only. See Automatic Closing System Selection Guide for size limitations. Large doors require Large Door Motor Operators.

OPTIONS EFFECTING POCKET DEPTH:

Large Door Motor - below header - Add 8" to pocket depth. (See pg. 2-7)

Access Control sliding jamb - Add 1" to pocket depth.

Pocket cover door - Above chart allows for 2" thick cover door. Add appropriate amount if cover door and finish materials are thicker than 2". (See pg. 2-11)

Pocket cover door bumper - Add 1" (See pg. 2-12).

Additional exit hardware - Add 1" to pocket depth for each exit device (See page 2-16).

Please consult the factory for stacking requirements of doors exceeding 30'-5" in width or 12'-0" in height.