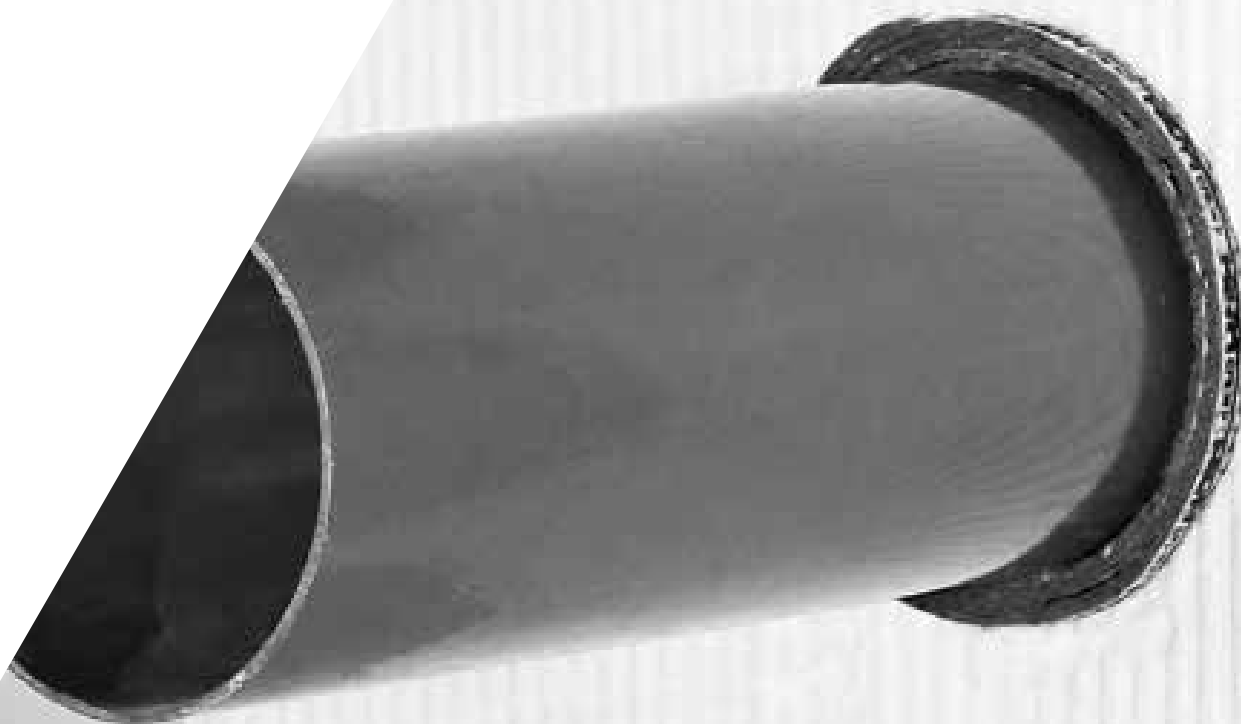




CFS-W P PROTIPOŽIARNA PÁSKA

Technický List



CFS-W P PROTIPOŽIARNA PÁSKA

Páska na horľavé potrubia a izolácie v mäkkých upchávkach.



APLIKÁCIE

- Odpadová voda, odvodnenie strechy, pitná voda a chladiace potrubia v aplikáciách mäkkej upchávky
- Odpadová voda a odvodnenie striech v SDK stenách, ľahčenom betóne, murive a betóne

VÝHODY

- Schválené pre rozsiahlu škálu horľavých potrubí a izolačných materiálov v aplikáciách mäkkých upchávok
- Nekonečné riešenie: jeden produkt pre všetky bežné horľavé potrubia a všetky typy potrubných izolácií
- Cenovo výhodná inštalácia: inštalácia jednou osobou bez potreby hákov, kotiev alebo vŕtania
- Na základe schválení: všetky potrubia sú testované s koncovými konfiguráciami, ktoré spĺňajú požiadavky noriem pre dané aplikácie




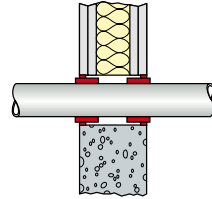
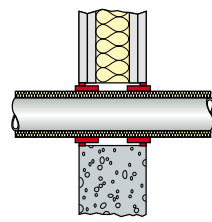
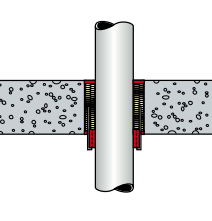
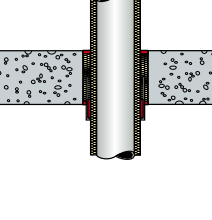



| Technické dáta | CFS-W P |
|---------------------------------------|-------------------|
| Rozmery (L × W × H) | 10000 × 50 × 2 mm |
| Pomer rozťažnosti (neobmedzený do) | 1:14 |
| Teplota rozťažania (približne) | 210 °C |
| Skladovanie a preprava rozsah teploty | -5 to 50 °C |
| Doplňujúce výrobky | CFS-S ACR |



| Popis | Obsah balenia | Dĺžka | Balenie | Obj. označenie |
|-----------------------------|-------------------|-------|---------|----------------|
| CFS-W P Protipožiarna páska | 1 × CFS-W P páska | 10m | 1 pc | 2133384 |
| Hák CFS-W P | 20 × CFS-W P Hák | | 20 pc | 2133385 |


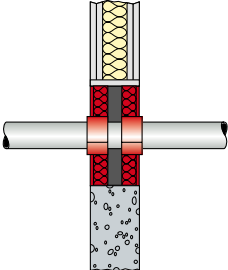
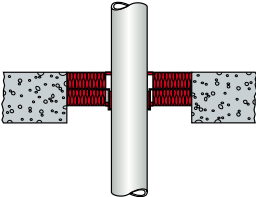

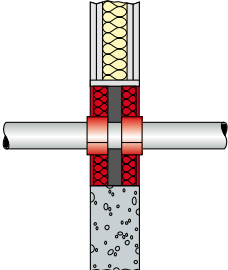
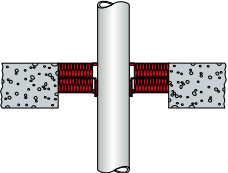
CFS-W P FIRESTOP POWER WRAP V ĽÁHKÝCH/PEVNÝCH STENÁCH A PEVNÝCH STROPOCH


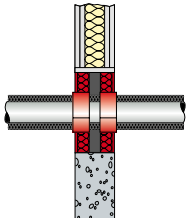
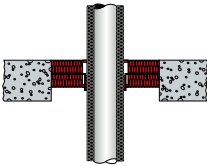

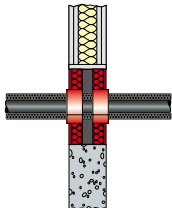
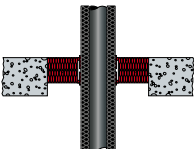

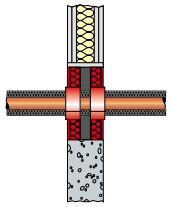
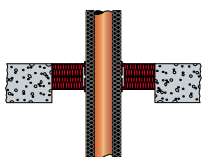
Pre špecifikáciu a ďalšie detaily pozri ETA 16/0445

| Aplikácia | Materiál potrubia | Potrubie Ø mm | Hrúbka steny potrubia (mm) | Vrstvy | Klasifikácia E = integrita I = izolácia |
|--|---|----------------|----------------------------|--------|---|
| Odpadová voda Odvodnenie strechy  | PE (PE-HD) podľa EN 1519-1, EN 12666-1 | 32 ≤ 56 | 3.0 | 2 | EI 90-U/U |
| | | > 56 ≤ 75 | 3.0 | 3 | |
|  | PE (PE-HD) pokrýva EN 12201-2, EN 1519-1, EN 12666-1, EN 1455-1 (ABS), EN 1565-1 (SAN+PVC) | > 75 ≤ 125 | 3.5 – 4.9 | 4 | EI 90-U/C |
| | | > 125 ≤ 160 | 6.2 | 6 | |
| | | 32 ≤ 63 | 3.0 | 1 | |
|  | PE podľa EN ISO 15494, DIN 8074 | > 63 ≤ 110 | 3.0 – 4.3 | 2 | EI 90-U/C |
| | | > 110 ≤ 160 | 4.3 – 6.2 | 4 | |
| | | 32 ≤ 63 | 1.8 – 6.8 | 1 | |
|  | PE-S2 Geberit dB20 Neregulované | > 63 ≤ 110 | 1.9/2.7 – 7.4 | 2 | EI 90-U/C |
| | | > 110 ≤ 160 | 3.1/4.0 – 9.1 | 4 | |
| | | 32 ≤ 56 | 3.2 | 2 | |
|  | PE-S2 Geberit dB20 Neregulované | > 56 ≤ 75 | 3.2 – 3.6 | 3 | EI 90-U/U |
| | | > 75 ≤ 110 | 5.5 – 6.0 | 4 | |
| | | > 110 ≤ 160 | 6.0 – 7.0 | 6 | |
|  | PE (PE-HD) podľa EN 1519-1, EN 12666-1, EN 12201-2 | 32 ≤ 63 | 3.2 | 1 | EI 90-U/C |
| | | > 63 ≤ 110 | 3.2 – 6.0 | 2 | |
| | | > 110 ≤ 160 | 6.0 – 7.0 | 3 | |
|  | PE (PE-HD) podľa EN 1519-1, EN 12666-1, EN 12201-2 | 32 ≤ 56 | 3.0 | 2 | EI 90-U/U |
| | | > 56 ≤ 75 | 3.0 | 4 | |
| | | > 75 ≤ 110 | 3.5 – 4.3 | 5 | |
|  | PE (PE-HD) covers EN 12201-2, EN 1519-1, EN 12666-1, EN 1455-1 (ABS), EN 1565-1 (SAN+PVC) | 32 ≤ 63 | 3.0 | 1 | EI 90-U/C |
| | | > 63 ≤ 110 | 3.0 – 4.3 | 2 | |
| | | > 110 ≤ 160 | 3.0 – 4.3 | 3 | |
| | PP Neregulované | 32 – 50 – 58 | 1.8 – 4.0 | 2 | EI 90-U/U |
| | | > 50 – 58 – 75 | 1.9 – 3.8 | 3 | |
| | | > 75 – 125 | 2.2/3.1 – 5.3 | 4 | |
| | PP Neregulované | > 125 – 160 | 3.9 – 7.5 | 6 | EI 90-U/C |
| | | 32 ≤ 63 | 1.8/1.9 – 4.0 | 1 | |
| | | > 63 ≤ 110 | 1.9/2.2 – 5.3 | 2 | |
| | PVC-U podľa EN 1329-1, EN 1453-1, EN 1452-1 | 110 – 160 | 3.1/3.9 – 7.5 | 4 | EI 90-U/U |
| | | 32 ≤ 56 | 1.8 – 5.6 | 2 | |
| | | > 56 ≤ 75 | 2.2 – 5.6 | 3 | |
| | PVC-U (pokrýva EN 1329-1, EN 1453-1, EN 1566-1), EN ISO 15493 (Priemysel, rovnocenné EN 1452) | > 75 ≤ 125 | 1.8/3.7 – 6.0/8.1 | 4 | EI 90-U/C |
| | | > 125 ≤ 160 | 2.5 – 11.8 | 6 | |
| | | 32 ≤ 63 | 1.8 – 5.6 | 1 | |
| | PVC-U (pokrýva EN 1329-1, EN 1453-1, EN 1566-1), EN ISO 15493 (Priemysel, rovnocenné EN 1452) | > 63 ≤ 110 | 1.8/2.2 – 8.1 | 2 | EI 90-U/C |
| | | > 110 ≤ 160 | 2.5 – 11.8 | 4 | |

CFS-W P FIRESTOP POWER WRAP IN COATED BOARD

Pre špecifikáciu a ďalšie detaily pozri ETA 11/0429

| Aplikácia | Materiál potrubia | Potrubie Ø mm | Hrúbka steny potrubia (mm) | Vrstvy | Klasifikácia E = integrita I = izolácia |
|---|--|--|----------------------------|--------|---|
| Plastové potrubia pre odpadovú vodu    | Geberit Silent dB20 Stena/Strop | ≤ 56 | Všetky | 2 | EI 90-U/U |
| | | > 63 ≤ 75 | | 3 | |
| | | > 75 ≤ 110 | | 4 | |
| | | > 135 ≤ 160 | | 6 | |
| | Coes Blue Power, Coes PhoNo Fire, GeberitSilent PP, KeKelit Phonex AS, Marley Silent, Ostendorf Skolan dB, Pipelife Master3, Poloplast Polokal 3S, Poloplast Polokal NG, Poloplast Polokal XS, Rehau Raupiano Plus Valsir Silere, ValsirTriplus, Wavin AS, Wavin SiTech Stena/Strop | ≤ 58 | Všetky | 2 | |
| | | > 63 ≤ 75 | | 3 | |
| | | > 75 ≤ 125 | | 4 | |
| | | > 125 ≤ 160 | | 6 | |
| | | PE/PE-HD podľa EN 1519-1, EN 12666-1, EN 12201-2w Stena/Strop | | ≤ 56 | |
| | 63 - 75 | 3 | | | |
| | 90 - 125 | 4 | | | |
| | 140 - 160 | 6 | | | |
| | PVC podľa EN 1452-1, EN 1329-1, EN 1453-1, EN 1566-1, EN ISO 1452-2, EN ISO 15493, DIN 8061/8062 Stena/Strop | ≤ 50 | 1.8 - 6.0 | 2 | |
| | | 63 - 75 | | 3 | |
| | | 90 - 125 | | 4 | |
| 140 - 160 | | 6 | | | |
| Plastové potrubia v priemysle    | PE podľa EN 15494, DIN 8074/8075 Stena/Strop | ≤ 50 | 1.8 - 9.1 | 2 | |
| | | > 63 ≤ 75 | | 3 | |
| | | > 75 ≤ 125 | | 4 | |
| | | > 125 ≤ 160 | | 6 | |
| | PVC podľa EN 1452-1, EN 1329-1, EN 1453-1, EN 1566-1, EN ISO 1452-2, EN ISO 15493, DIN 8061/8062 Stena | ≤ 50 | 1.8 - 11.8 | 2 | |
| | | 63 - 75 | | 3 | |
| | | 90 - 125 | | 4 | |
| | | 140 - 160 | | 6 | |
| | PVC podľa EN 1452-1, EN 1329-1, EN 1453-1, EN 1566-1, EN ISO 1452-2, EN ISO 15493, DIN 8061/8062 Strop | ≤ 75 | 2.2 - 9.3 | 2 | |
| | | > 75 ≤ 125 | | 4 | |
| | | > 125 ≤ 140 | | 4 | |
| | | > 140 ≤ 160 | | 4 | |

| Aplikácia | Materiál potrubia | Potrubie Ø mm | Hrúbka steny potrubia (mm) | Vrstvy | Klasifikácia E = integrita I = izolácia |
|---|--|---------------|----------------------------|--------|---|
| Plastové potrubie s horľavou izoláciou pre dažďovú vodu | | | | | |
|    | PE podľa EN 1519-1, EN 12666-1, EN 12201-2 | 32 ≤ 56 | 3.0 | 2 | EI 90-U/U |
| | Kaučuková izolácia | > 56 ≤ 75 | 3.0 | 4 | |
| | Stena | > 75 ≤ 110 | 3.5 – 4.3 | 5 | |
| | PE podľa EN 1519-1, EN 12666-1, EN 12201-2 | 32 ≤ 56 | 3.0 | 2 | |
| | Kaučuková izolácia | > 56 ≤ 75 | 3.0 | 4 | |
| | Strop | > 75 ≤ 110 | 3.0 – 3.5 | 5 | |
| Kompozitné potrubie s horľavou izoláciou pre pitnú a chladiacu vodu | | | | | |
|    | Rehau Rautitan stabil | 16 | 2.6 | 1 | EI 90-U/C |
| | Kaučuková izolácia | 40 | 6.0 | 1 | |
| | Stena/Strop | 16 | 2.0 | 1 | |
| | Geberit Mepla, KeKelit Kelox, Uponor MLC | 32 | 3.0 | 1 | |
| | Kaučuková izolácia | 75 | 7.5 | 2 | |
| | Stena/Strop | | | | |
| Oceľové potrubia s horľavou izoláciou pre pitnú a chladiacu vodu | | | | | |
|    | Medené potrubia | 10 | 1.0 – 1.2 | 1 | EI 90-C/U |
| | | > 10 ≤ 42 | 1.0 – 1.2 | 2 | |
| | | > 10 ≤ 28 | 1.0 | 1 | |
| | Oceľové potrubia | > 28 ≤ 114 | 3.4 | 2 | |
| | | > 114 – 219 | 6.3 | 3 | |

NÁVOD NA POUŽITIE PRE CFS-W P FIRESTOP POWER WRAP

APLIKÁCIE V PEVNEJ/LAHKKEJ STENE

ETA 16/0445

| | |
|---|--|
| <p>QR</p> <p>www.hilti.group EN: http://fsselector.hilti.com</p> | |
|---|--|

| | | | | |
|-----------------|--------------------------------|---------------------------------------|--|--|
| <p>1</p> | <p>2</p> <p>L = ! </p> | <p>3</p> | | |
| <p>4</p> | <p>5</p> | <p>6</p> <p> !</p> <p>X = </p> | | |

APLIKÁCIE V PEVNOM STROPE

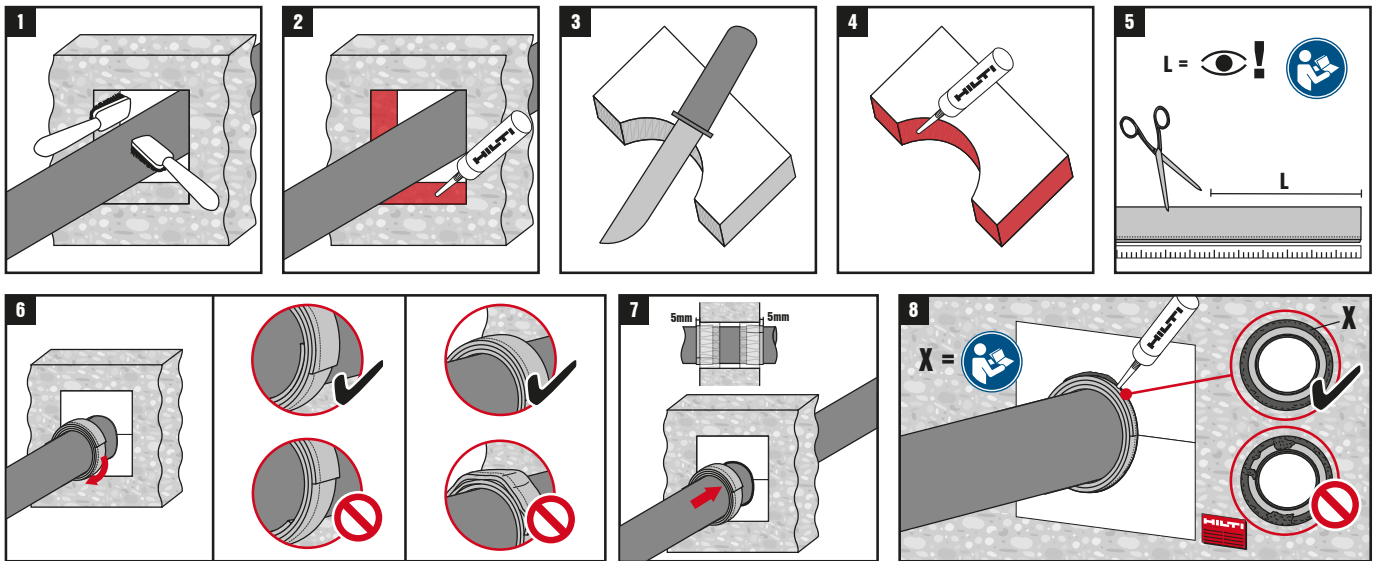
ETA 16 / 0445

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|---|--|
| <p>QR</p> <p>www.hilti.group EN: http://fsselector.hilti.com</p> | |
|---|--|

| | | | | | |
|-----------------|--------------------------------|-----------------------------|-----------------|--|-----------------|
| <p>1</p> | <p>2</p> <p>L = ! </p> | <p>3</p> | | | <p>4</p> |
| <p>5</p> | <p>6</p> | <p>7</p> <p>X = </p> | <p>8</p> | | |

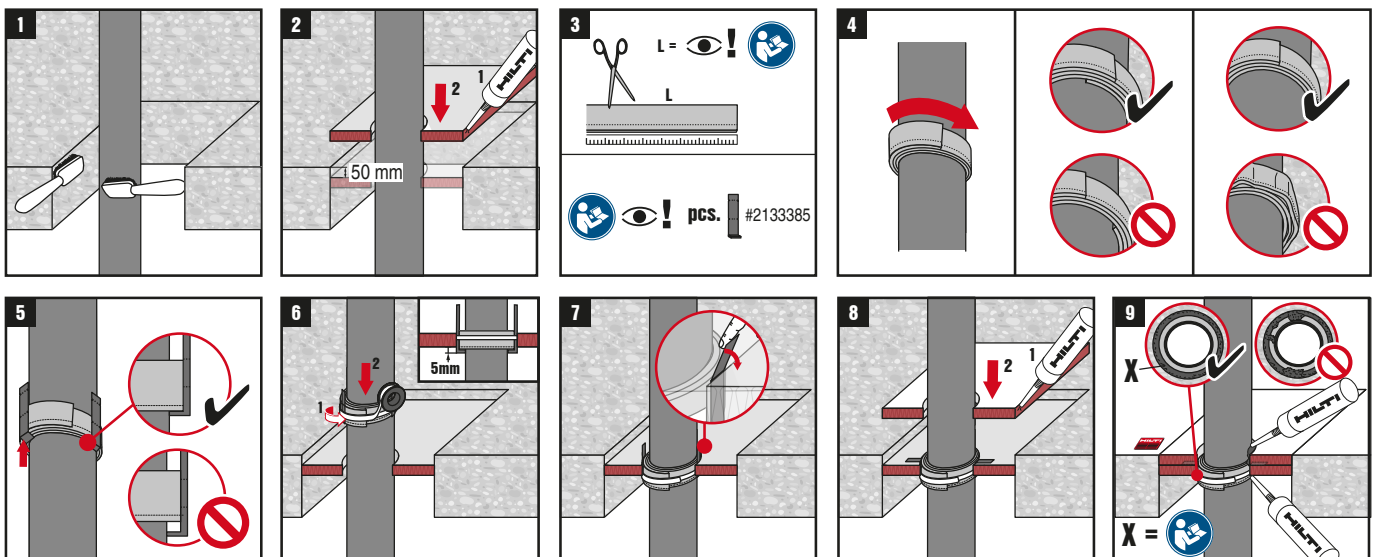
APLIKÁCIE V STENE V MÄKKEJ UPCHÁVKE

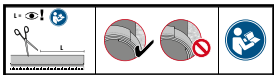
ETA 11/0429







APLIKÁCIE V STROPE V MÄKKEJ UPCHÁVKE






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| Vrstvy |  |  |  |  |
|--------|---|---|---|---|
| | Ø (mm) | - L (mm) | 4 mm L (mm) | 9 mm L (mm) |
| 2 | 32 | ≥ 250 | ≥ 300 | ≥ 360 |
| | 40 | ≥ 300 | ≥ 360 | ≥ 410 |
| | 50 | ≥ 370 | ≥ 420 | ≥ 470 |
| | 56 | ≥ 410 | ≥ 460 | ≥ 520 |
| 3 | 63 | ≥ 690 | ≥ 770 | ≥ 820 |
| | 75 | ≥ 810 | ≥ 880 | ≥ 950 |
| 4 | 82 | ≥ 1200 | ≥ 1300 | ≥ 1400 |
| | 90 | ≥ 1300 | ≥ 1400 | ≥ 1500 |
| | 110 | ≥ 1530 | ≥ 1650 | ≥ 1750 |
| | 125 | ≥ 1730 | ≥ 1830 | ≥ 1960 |
| 6 | 135 | ≥ 2850 | ≥ 3000 | ≥ 3150 |
| | 140 | ≥ 2960 | ≥ 3120 | ≥ 3300 |
| | 160 | ≥ 3330 | ≥ 3520 | ≥ 3650 |



| Vrstvy |  |  |  |  |  |
|--------|---|---|---|---|---|
| | Ø (mm) | AF1 L (mm) | AF2 L (mm) | AF3 L (mm) | AF4 L (mm) |
| 2 | 32 | ≥ 400 | ≥ 420 | ≥ 460 | ≥ 500 |
| | 40 | ≥ 420 | ≥ 470 | ≥ 530 | ≥ 580 |
| | 50 | ≥ 490 | ≥ 540 | ≥ 590 | ≥ 640 |
| | 56 | ≥ 520 | ≥ 590 | ≥ 620 | ≥ 690 |
| 4 | 63 | ≥ 1180 | ≥ 1290 | ≥ 1370 | ≥ 1500 |
| | 75 | ≥ 1390 | ≥ 1500 | ≥ 1600 | ≥ 1720 |
| 5 | 90 | ≥ 1940 | ≥ 2110 | ≥ 2210 | ≥ 2360 |
| | 110 | ≥ 2290 | ≥ 2570 | ≥ 2570 | ≥ 2730 |



|  |  |  |  |  |  |
|---|---|---|---|---|---|
| ≤ 75 mm | 2 | 2 | - | - | - |
| > 75 mm | 3 | 3 | - | - | - |



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