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| **Ladder Height** | **Maximum Reach** | **Highest point ladder will touch** |
| 16 feet | 15 feet | 9 feet maximum |
| 20 feet | 19 feet | 9 to 13 feet |
| 24 feet | 23 feet | 13 to 17 feet |
| 28 feet | 27 feet | 17 to 21 feet |
| 32 feet | 31 feet | 21 to 25 feet |
| 36 feet | 34 feet | 25 to 28 feet |
| 40 feet | 37 feet | 28 to 31 feet |

Extension ladders range in length from 16 feet up to and exceeding 40 feet. All non-self-supported ladders should extend a minimum distance of 3 feet past the edge they rest against but not more than 4 feet. Extension ladders should be at the proper height and angle for optimum safety and stability. When determining proper working height/angle, extension ladders should be set at a 4:1 ratio from the foot to the top support. Each section of a multi-section ladder must overlap the adjacent section by at least 3 feet for ladders up to 36 feet and 4 feet for 40 feet or longer extension ladders. For example, a 24-foot extension ladder will consist of two sections each 12 feet long, but the maximum extended length will be 21 feet, because the sections overlap by no less than 1½ feet when the ladder is at maximum extension.

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| **Ladder Type** | **Load Limit** | **Description** |
| Type 1 | AA 375 lbs. |  Special Duty |
| Type 1 | A 300 lbs. |  Heavy Duty Industrial |
| Type I | 250 lbs. |  Heavy Duty |
| Type II | 225 lbs. | Medium Duty |
| Type III | 200 lbs | Light Duty |

Each ladder has a different load limit, as shown in the load limit table above. Your weight and the weight of the tools or equipment carried factor into the load limit of the ladder. Make sure that the ladder you are using can handle the combined weight of the person and the tools or equipment carried up and down the ladder, to avoid instability, collapse or failure.