

# GDC-ST100NA Go/No-Go Groove Diameter Cable for the *STRENGTH-IN™100* Groove Profile (2 – 12-inch Sizes)

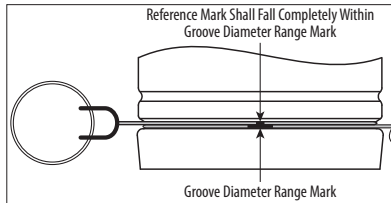
## WARNING



- Read and understand all instructions before attempting to use this Go/No-Go groove diameter cable.
  - Wear safety glasses, hardhat, foot protection, and hearing protection when working with Victaulic pipe preparation tools.
  - Verify that the outside diameter of the pipe is within Victaulic specifications.
  - After grooving, verify that all diameters are measured in accordance with Victaulic specifications.
- Installation and pressurization of pipe that does not conform to Victaulic specifications could cause joint failure, resulting in death or serious personal injury and property damage.

## NOTICE

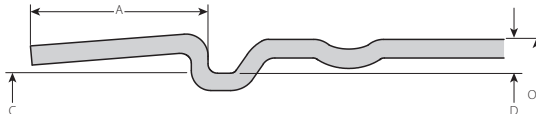
- THIS GROOVE DIAMETER CABLE IS NOT A REPLACEMENT FOR A ROUTINELY CALIBRATED DIAMETER MEASURING INSTRUMENT AND PROPER INSPECTION PROCEDURES. THIS GROOVE DIAMETER CABLE SHALL BE USED ONLY AS AN AID FOR CHECKING GROOVE DIAMETERS. A MEASURING INSTRUMENT THAT IS ROUTINELY CALIBRATED TO TRACEABLE STANDARDS IS RECOMMENDED FOR THE MOST ACCURATE GROOVE DIMENSION MEASUREMENT.
- This groove diameter cable contains Go/No-Go markings and shall be used ONLY to check pipe prepared to Victaulic *STRENGTH-IN™100* specifications in the sizes listed in the table below. DO NOT use this groove diameter cable to check pipe that is prepared to any other specifications.



### CHECK GROOVE DIAMETER:

Remove all loose dirt, scale, and paint from the groove and gasket sealing surface. Wrap the cable around the pipe groove and overlap the two ends, as shown. Verify that the cable seats in the base of the groove.

Firmly pull on each end of the overlapped cable. Determine if the reference mark is completely within the groove diameter range mark for the applicable pipe size. The reference mark shall be completely within the groove diameter range mark for conformance to Victaulic specifications.



Nominal Size inches/mm	Dimensions – inches/mm								
	Pipe Outside Diameter			Gasket Seat "A"			Groove Diameter "C"		Groove Depth "D" (ref)
	Actual	Max	Min	Basic	Max	Min	Max	Min	
2/50	2.375/60.3	2.399/60.9	2.351/59.7	0.750/19.1	0.781/19.8	0.719/18.3	2.139/54.3	2.124/54.0	0.130/3.3
2½	2.875/73.0	2.904/73.8	2.846/72.3	0.750/19.1	0.781/19.8	0.719/18.3	2.644/67.2	2.586/65.7	0.130/3.3
3/80	3.500/88.9	3.535/89.8	3.469/88.1	0.750/19.1	0.781/19.8	0.719/18.3	3.275/83.2	3.257/82.7	0.130/3.3
4/100	4.500/114.3	4.545/115.4	4.469/113.5	0.750/19.1	0.781/19.8	0.719/18.3	4.285/108.8	4.265/108.3	0.130/3.3
5	5.563/141.3	5.619/142.7	5.532/140.5	0.750/19.1	0.781/19.8	0.719/18.3	5.359/136.1	5.272/133.9	0.130/3.3
6/150	6.625/168.3	6.688/169.9	6.594/167.5	0.750/19.1	0.781/19.8	0.719/18.3	6.428/163.3	6.406/162.7	0.130/3.3
8/200	8.625/219.1	8.688/220.7	8.594/218.3	0.875/22.2	0.906/23.0	0.844/21.4	8.315/211.2	8.290/210.6	0.187/4.8
10/250	10.750/273.0	10.813/274.7	0.719/272.3	0.875/22.2	0.906/23.0	0.844/21.4	10.440/265.2	10.413/264.5	0.187/4.8
12/300	12.750/323.9	12.813/325.5	12.719/323.0	0.875/22.2	0.906/23.0	0.844/21.4	12.440/316.0	12.410/315.2	0.187/4.8

For complete contact information, visit [victaulic.com](http://victaulic.com)  
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