

nVent LENTON Terminator D6 - Independent Test Data

ASTM® A706 Grade 80

Part Number	Independent Lab Test Report Number	Rebar		Independent Test Result		IBC® and ACI® 318 TYPE 1		IBC and ACI 318 TYPE 2		
		Size		Area (in ²)	*Actual Stress Achieved (psi)	% fy	Required Stress 125% x Specified Yield (125% x 80,000) psi	TYPE 1 Pass/ Fail	Required Stress Specified Tensile (100,000) psi	TYPE 2 Pass/ Fail
		in-lb	[mm]							
EL12D6	TJ8214	4	[12]	0.20	114,175	143%	100,000	Pass	100,000	Pass
EL12D6	TJ8215	4	[12]	0.20	113,960	142%	100,000	Pass	100,000	Pass
EL12D6	TJ8216	4	[12]	0.20	116,730	146%	100,000	Pass	100,000	Pass
EL16D6	TJ8204	5	[16]	0.31	116,955	146%	100,000	Pass	100,000	Pass
EL16D6	TJ8205	5	[16]	0.31	115,119	144%	100,000	Pass	100,000	Pass
EL16D6	TJ8206	5	[16]	0.31	116,568	146%	100,000	Pass	100,000	Pass
EL20D6	TJ7939	6	[20]	0.44	116,616	146%	100,000	Pass	100,000	Pass
EL20D6	TJ7940	6	[20]	0.44	116,189	145%	100,000	Pass	100,000	Pass
EL20D6	TJ7941	6	[20]	0.44	118,295	148%	100,000	Pass	100,000	Pass
EL22D6	TJ8181	7	[22]	0.60	114,425	143%	100,000	Pass	100,000	Pass
EL22D6	TJ8182	7	[22]	0.60	111,402	139%	100,000	Pass	100,000	Pass
EL22D6	TJ8183	7	[22]	0.60	111,413	139%	100,000	Pass	100,000	Pass
EL25D6	TJ8115	8	[25]	0.79	110,114	138%	100,000	Pass	100,000	Pass
EL25D6	TJ8116	8	[25]	0.79	110,011	138%	100,000	Pass	100,000	Pass
EL25D6	TJ8117	8	[25]	0.79	110,473	138%	100,000	Pass	100,000	Pass
EL28D6	TJ8193	9	[28]	1.00	111,357	139%	100,000	Pass	100,000	Pass
EL28D6	TJ8194	9	[28]	1.00	110,787	138%	100,000	Pass	100,000	Pass
EL28D6	TJ8195	9	[28]	1.00	111,346	139%	100,000	Pass	100,000	Pass
EL32D6	TJ8165	10	[32]	1.27	109,278	137%	100,000	Pass	100,000	Pass
EL32D6	TJ8166	10	[32]	1.27	110,269	138%	100,000	Pass	100,000	Pass
EL32D6	TJ8167	10	[32]	1.27	111,168	139%	100,000	Pass	100,000	Pass
EL36D6	TJ8062	11	[36]	1.56	113,571	142%	100,000	Pass	100,000	Pass
EL36D6	TJ8063	11	[36]	1.56	114,037	143%	100,000	Pass	100,000	Pass
EL36D6	TJ8064	11	[36]	1.56	112,842	141%	100,000	Pass	100,000	Pass
EL43TD6	TJ7963	14	[43]	2.25	110,477	138%	100,000	Pass	100,000	Pass
EL43TD6	TJ7964	14	[43]	2.25	111,168	139%	100,000	Pass	100,000	Pass
EL43TD6	TJ7965	14	[43]	2.25	110,405	138%	100,000	Pass	100,000	Pass
EL57TD6	TJ7990	18	[57]	4.00	108,246	135%	100,000	Pass	100,000	Pass
EL57TD6	TJ7991	18	[57]	4.00	108,138	135%	100,000	Pass	100,000	Pass
EL57TD6	TJ7992	18	[57]	4.00	107,960	135%	100,000	Pass	100,000	Pass

*** Actual performance also exceeds ACI 318 Type 1 and Type 2 for ASTM A706 Grade 60 and A615 Grades 60, 75 and 80.**
Table is a summary of ELEMENT MATERIALS TECHNOLOGY Independent Laboratory tests. Test reports are available upon request.

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WARNING:

- nVent products shall be installed and used only as indicated in nVent product instruction sheets and training materials. Instruction sheets are available at www.nVent.com and from your nVent customer service representative.
- nVent products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
- All instructions must be completely followed to ensure proper and safe installation and performance.
- Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.

The customer is responsible for:
a. Conformance to all governing codes.
b. The integrity of structures to which the products are attached, including their capability of safely accepting the loads imposed, as evaluated by a qualified engineer.
c. Using appropriate industry standard hardware as noted above.


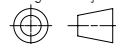
SAFETY INSTRUCTIONS:
All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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TECHNICAL SUPPORT:
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D	REBRANDING	1014907	29APR19	JLC	MNB	ADM	-	-	
REV	DESCRIPTION	ESN #	DATE	DRN	CHK	APP	QA	MFG	
Tolerance (Inch) Unless Noted Angular Tolerance: ±° Fractional Tolerance: ± Two Place Decimal: ± Three Place Decimal: ±					Third Angle Projection 				
Tolerance [mm] Unless Noted Angular Tolerance: ±° One Place Decimal: ± Two Place Decimal: ±		Title: LENTON TERMINATOR (D6) – INDEPENDENT TEST DATA ASTM A706 GRADE 80							
B Size		SHT 1 Of 1		Scale None		DWG		CRSELD61	REV D

