nVent LENTON Ultimate Hybrid PM04 Positional Coupler

nVent LENTON

CONNECT AND PROTECT

Independent Test Data for BS 4449 Grade B500b

	Rebar		Independent Test Result				ISO 15835 - 1 : 2018 Class B				IBC and ACI 318 Type 2	
	Size	Area	Independent Lab Test Report Number	Actual Slip achieved	Actual Stress achieved		Actual Strain achieved (Agt)	Required Slip	Required Stress – Specified Tensile	Required Strain (Agt) – 0.7 x Specified Ductility	Class B	Required Stress – Specified Tensile	Type 2
Part Number	mm	mm^2		mm	MPa	psi	%	mm	MPa	%	Pass/Fail	MPa	Pass/Fail
LU16PM04	16	201	2020-0583-003-1	0.01	615	89,198	5.5				Pass		Pass
			2020-0583-003-2	0.02	635	92,099	8.3				Pass		Pass
			2020-0583-003-3	0.02	636	92,244	7.2				Pass		Pass
LU20PM04	20	314	2020-0583-004-1	0.02	626	90,794	6.1				Pass		Pass
			2020-0583-004-2	0.01	649	94,130	8.3				Pass		Pass
			2020-0583-004-3	0.03	643	93,259	7.2				Pass		Pass
LU25PM04	25	491	2020-0583-005-1	0.03	644	93,404	7.4				Pass		Pass
			2020-0583-005-2	0.04	631	91,519	7.6	≤0.1	≥540	≥3.5	Pass	≥540	Pass
			2020-0583-005-3	0.02	641	92,969	7.4				Pass		Pass
LU32PM04	32	804	2020-0583-006-1	0.06	612	88,763	4.8				Pass		Pass
			2020-0583-006-2	0.03	611	88,618	5.1				Pass		Pass
			2020-0583-006-3	0.04	621	90,069	6.5				Pass		Pass
LU40PM04	40	1257	2020-0583-007-1	0.03	647	93,840	3.5				Pass		Pass
			2020-0583-007-2	0.04	671	97,320	4.8				Pass		Pass
			2020-0583-007-3	0.05	652	94,565	4.5				Pass		Pass

Definitions:
ISO 15835 - 1: Performance Criteria
Required Stress per Section 5.3.2;
Required Strain per Section 5.3.3;
Required Slip per Section 5.4.2;
ACI 318, Type 2: Performance Criteria;
Required Stress per Section 18.2.7.1(b)

Notes:
Table is a summary of Concrefy B.V. independent laboratory tests. Test reports available upon request

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