

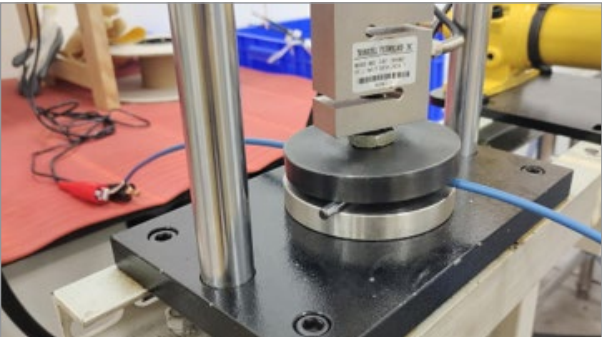
MECHANICAL STRENGTH



Deformation test:

The cable is pressed on a cylindrical steel rod of 6 mm of diameter

The cable must not be damaged, and the electrical performance must not be affected.



Impact test:

Dropping an object on the cable at different temperatures



Tensile test:

The heating cable is attached to a machine that gradually increases the pulling force

The electrical performance of the cable must not be affected.

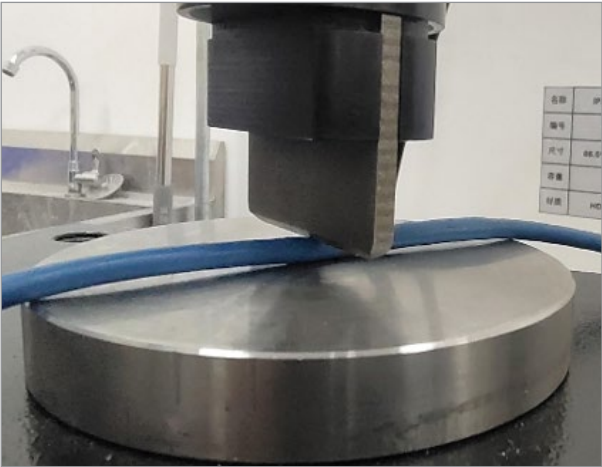


Resistance to cutting:

A sharp object is pressed against the cable

The pressure applied to the cutting edge shall be more than 445N.

The electrical performance of the cable must not be affected.



	T2Black	T2Blue	T2Blue+
Standard	IEC 60800 Ed4		IEC/IEEE 62395-1:2024
Classification	M1	M2	For installations with higher risk of mechanical damage
Deformation test	600N	1 500N	1 500N
Impact test (at +21 °C)	N/A	N/A	7J
Cold impact test (at +5 °C)	2J	4J	16J
Tensile test	120N	300N	430N
Resistance to cutting	N/A	N/A	445N