

Product lineup arranged by type



ST-DGTM Type

Flame retardant grade

UL certified product (UL-224). Product name and other items are printed on the surface of the tube.

*Not including ST-8/10 DGTM



ST-HT Type

Transparent grade

This tubing is transparent even after shrinking. Text and figures on the surface of the covered object can be read, so marking is unnecessary.



ST-DG Type

General purpose grade

Standard product is light gray (DG). For products in special colors, with special diameters, wall thicknesses & physical properties (eg. enhanced oil resistance), talk to our Sales Department.

General Properties

Item \ Type	ST-DG TM	ST-DG	ST-HT
Feature	Flame retardant	Thin wall	Transparent
Standard colors	Light gray	Light gray	Colorless translucent
Density	g/cm ³	1.2	1.2
Hardness Durometer A	70	70	65
Tensile strength	MPa	6.0	6.0
Elongation	%	350	350
Tear strength	kN/m	15	15
Volume resistivity	Ω·m	2 x 10 ¹²	2 x 10 ¹²
Breakdown strength	kV (1mm)	25	25
Dielectric constant (ε) 50Hz	3.2	3.2	4.3
Dielectric dissipation factor (tanδ) 50Hz	0.001	0.001	0.017
Flame retardancy UL-224	VW-1	—	—
Usage temperature range	°C	-50 to +200	-50 to +200
Shrinkage (in direction of diameter)	%	about 50	about 50
Shrinkage temp.	°C	80-200	80-200
			> 170

- UL-224 Certification no.: E49996(S)
- Rated temp.: 200°C / rated voltage: 600V / flame retardancy: passes VW-1
- Method used to measure flame retardancy:
- A flame is applied for 15 seconds, then the time (sec) is measured until flaming or glowing ceases. This cycle is repeated 5 times.
- 5 test strips are used (flame applications: 25 total), and the material passes only if the flame/glow time per any single flame application never exceeds 60 seconds.

(Not specified values)

Reading the product number: ST- ○○ □□ (○.○)

Size (mm)
Grade
Post-shrink wall thickness (mm)

Size: post-shrink bore diameter x 10