

## Technical Data

### ➤ Product Description

Nelson MCT™ modules are a molded, neoprene based product, which form an airtight/watertight seal and provide maximum fire protection of cables passing through fire rated walls, floors, decks, or bulkheads.

### ➤ Application

Modules are selected to coordinate with cable diameters passing through the wall, floor, bulkhead or deck being penetrated. A variety of welded metal frames are utilized to house the modules. Blank modules are used to fill unused spaces. The finished frame assembly will be completely filled using modules and related stay plates, compression plate and end packing such that a compression fit is applied to all modules within the frame

### ➤ Availability

Most modules, strips and accessory items are in stock. Please contact a distributor or Customer Service for more information.

### ➤ Uses

Firestop device for use in fire rated walls or floors in construction applications and in marine vessel decks and bulkheads.

### ➤ Features

- Neoprene based – good resistance to acids, gasoline, lube oils, animal and vegetable oils, oxidation, ozone and weather.
- Good dielectric strength.
- High tensile strength, tear resistance, abrasion resistance.
- Good rebound characteristics.
- Up to 4 hour fire rating.

### ➤ Physical Properties

- Boiling Point Not established
- Specific Gravity @ 68°F 1.7 – 1.9
- Vapor Pressure (mmHg) and Temperature Solid
- Melting Point >1000°C
- Vapor Density (Air =1) Solid
- Evaporation Rate Solid
- Appearance Brick Red
- Odor None
- Durometer Tecron 68 – 75

### ➤ Test Compliance

- MIL-S-901C Shock Test
- MIL-STD-167-1 Vibration Test
- MIL-P-24705 QPL 2000°F
- IMO A. 754 (18) A. III & A. IV
- ASTM E-814 and UL1479 – Test method for through stop fire penetrations.

### ➤ Approvals

- Underwriters Laboratories, Inc.
- U. S. Navy
- U. S. Coast Guard
- American Bureau of Shipping (ABS)

### ➤ Testing Data

Available upon request. For UL approval see Underwriters Laboratories "Fire Resistance Directory".

### ➤ Storage & Handling

Tecron modules should be stored indoors between 40°F (4°C) & 90°F (32°C).

### ➤ Related References

Underwriters Laboratories Inc. "Fire Resistance Directory". Application details are available in AutoCAD® format on request.

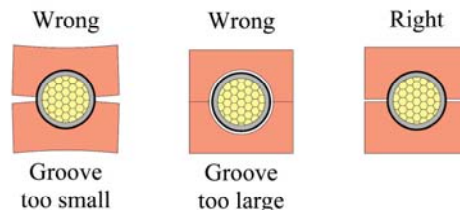
# NELSON

## Firestop Products

## MCT™ / MPS™ System Tecron

### Module Selection / Proper Sizing

Cable Dia. In.	Tecron Module Part No.	Cable Dia. In.	Tecron Module Part No.
Blank	15/0	Blank	40/0
0.157	15/4	0.866	40/22
0.197	15/5	0.945	40/24
0.236	15/6	1.024	40/26
0.276	15/7	1.102	40/28
0.315	15/8	1.181	40/30
0.354	15/9	1.26	40/32
0.394	15/10	1.339	40/34
0.433	15/11	1.378	40/35
Blank	20/0	Blank	60/0
0.157	20/4	1.181	60/30
0.197	20/5	1.26	60/32
0.236	20/6	1.339	60/34
0.276	20/7	1.417	60/36
0.315	20/8	1.496	60/38
0.354	20/9	1.575	60/40
0.394	20/10	1.654	60/42
0.433	20/11	1.732	60/44
0.472	20/12	1.811	60/46
0.512	20/13	1.89	60/48
0.551	20/14	1.969	60/50
0.591	20/15	2.047	60/52
0.63	20/16	2.126	60/54
Blank	30/0	2.165	60/55
0.472	30/12	Blank	90/0
0.512	30/13	1.969	90/50
0.551	30/14	2.165	90/55
0.591	30/15	2.362	90/60
0.63	30/16	2.559	90/65
0.669	30/17	2.756	90/70
0.709	30/18	Blank	120/0
0.748	30/19	2.953	120/75
0.787	30/20	3.15	120/80
0.827	30/21	3.346	120/85
0.866	30/22	3.543	120/90
0.906	30/23	3.74	120/95
0.945	30/24		
1.024	30/26		



Select the module having an inside diameter one size smaller than the diameter of the cable.

### NELSON FIRESTOP PRODUCTS

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