



DYNA THREAD®

Dyna-Thread®

Full Line Sch-40 Replacement

Dyna-Thread® offers the life expectancy of Sch-40 with superior hydraulics and greater value.

Dyna-Thread sprinkler pipe represents an engineering advancement for the sprinkler pipe industry. It combines the safety and longevity of traditional Sch-40 pipe with quality and superior hydraulic advantages.

Comparison to Schedule 40

- Dyna-Thread's inside diameter is up to 3.6% larger than Sch-40 giving it superior hydraulics. And, when used in combination with Dyna-Flow pipe, down sizing often occurs.
 - Dyna-Thread is fully listed and approved by UL, ULC, and FM for fire sprinkler applications.
 - The life expectancy of Dyna-Thread and Sch-40 are equal based on the calculated wall thicknesses per UL.
 - The consistent quality of steel used to make Dyna-Thread facilitates smooth threading and lower maintenance costs.
 - The exterior of Dyna-Thread is protected by a clean, durable mill coating for extended shelf life and easy paint application.
- With its increased strength and lighter weight, Dyna-Thread reduces installation fatigue and is ideal for retro-fit applications.

Corrosion Resistance Ratio (CRR) is a UL (Underwriters Laboratory) term for the estimated life expectancy of a pipe joint. This is based on the calculated wall thickness at the base of the first exposed thread, assumed to be the weakest point of the pipe length. Dyna-Thread and Sch-40 have the same calculated wall thicknesses at this point and are both assigned the same CRR of 1.00.

The internal surface of all black Allied Tube & Conduit Fire Sprinkler pipe products up to 4.5000" in diameter is coated with our new Antibacterial Formula, "ABF". In scientific laboratory test, ABS proved to have superior resistance to microbial colonization of pipe walls, thereby delaying or possibly preventing the onset of Microbiologically Influenced corrosion (MIC) when the First Sprinkler System is first installed.



Comparison to L.W.T. Pipes

- More wall thickness at the thread (CRR=1.00) gives Dyna-Thread better life expectancy than lightwall threadable pipe joints.
- Unlike lightwall threadable pipe, Dyna-Thread has no thread gauge warning.
- Dyna-Thread is approved for standard hanger spacing (15 ft. O.C.), can be used as earthquake sway bracing, and is safe to use as drops.
- Dyna-Thread is safer to weld on.
- Dyna-Thread is more widely accepted than lightwall threadable where Sch-40 is specified.

Specifications & Approvals

Super 40/Dyna-Thread pipe is manufactured to meet: ASTM A-135, Grade A and is in compliance with NFPA-13. All sizes of Super 40/Dyna-Thread are rated at 300 psi working pressure. Super 40/Dyna-Thread is UL and ULC Listed for wet, dry deluge and pre-action sprinkler systems and FM Approved for use in wet systems. Super 40/Dyna-Thread can be "hot-dip" galvanized to meet FM requirement for dry systems. Super 40/Dyna-Thread is approved for all threaded couplings and welded outlets and is suitable for all roll-grooved, and plain-end fittings. (See listing information).

Specifications

NPS In; mm	Nominal I.D. In; mm	Wt. Lbs/Ft; Kg/m	Wt. (H2O Filled) Lbs/Ft; Kg/m	Pcs/ Lift	Wt/Lift (21') Lbs; Kg	Wt/Lift (24') Lbs; Kg	Wt/Lift (25') Lbs; Kg
1" 25	1.080 27.4	1.330 2.0	1.75 2.60	70 70	1955 887	2234 1013	2327 1056
1¼" 32	1.408 35.8	1.870 2.8	2.54 3.78	51 51	2002 908	2288 1038	2384 1081
1½" 40	1.639 41.6	2.290 3.4	3.22 4.79	44 44	2115 959	2418 1097	2519 1143
2" 50	2.104 53.4	3.050 4.5	4.57 6.80	30 30	1921 871	2196 996	2287 1037



16100 S. Lathrop • Harvey, IL 60426
11350 Norcom Rd. • Philadelphia, PA 19154
2525 N. 27th Ave. • Phoenix, AZ 85009

Customer Service:
(800) 882-5543
Fax 708-339-1806