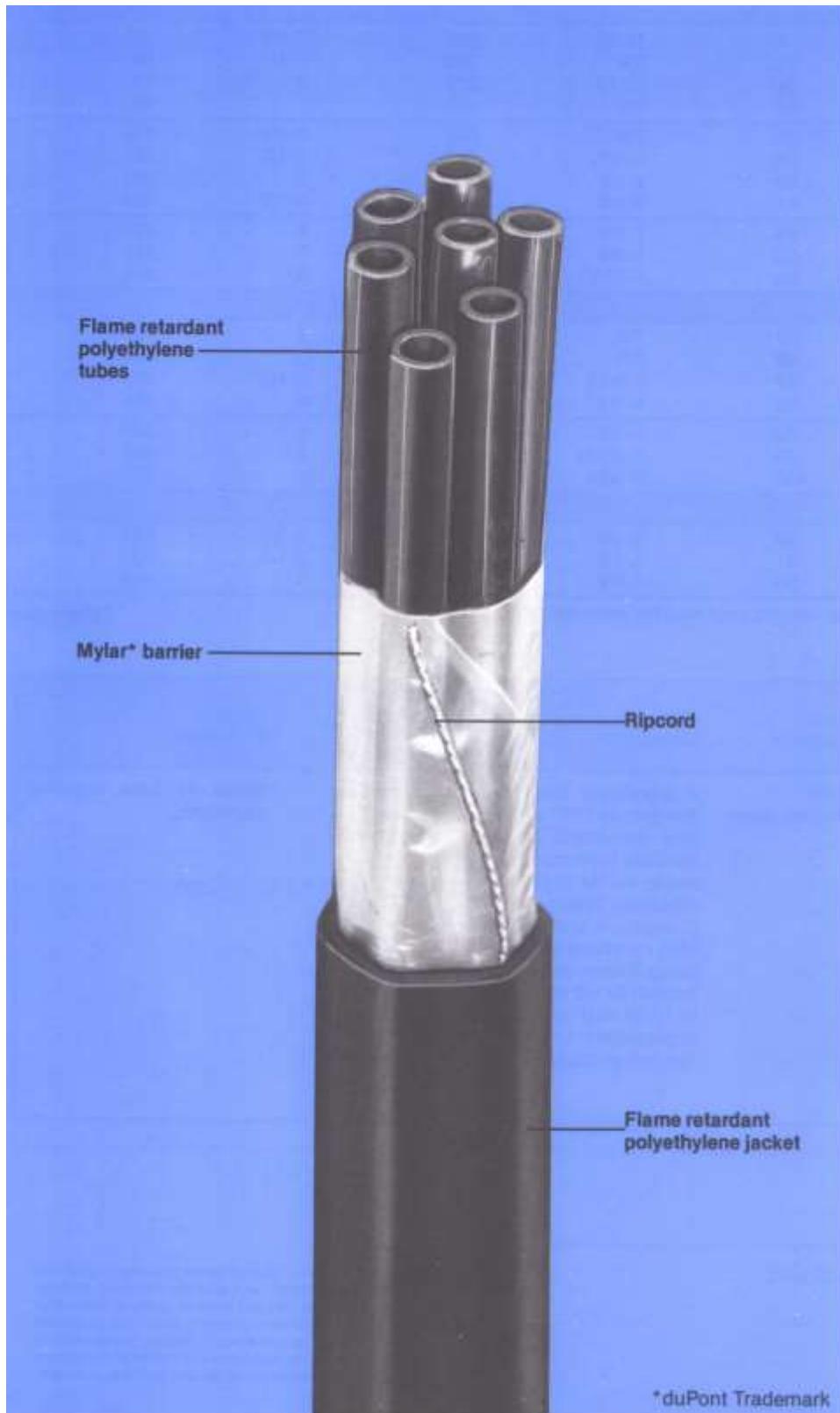


Synflex®

Type 1224 "FR"

Flame Retardant Poly-Cor Multiple Tube Bundle



Application

Type 1224 "FR" is the ideal all-plastic instrument tubing bundle for installations where flame spread and smoke generation must be controlled. In case of fire, Type 1224 "FR" will not propagate fire.

Flame Retardant (FR) Materials

Tubing contained within the Synflex 1224 "FR" bundle is manufactured to the same material specifications as Synflex 1219 "FR" single line tubing. In addition to longevity tests such as heat aging, ultraviolet light protection and stress crack resistance, bundles are tested for fire safety properties such as flame-spread, smoke generation and off-gassing. Type 1224 "FR" is manufactured from a proprietary flame retardant polyethylene compound that has a UL 94-V2 flammability classification.

Tube Identification

Number-coded tubes eliminate costly guesswork in hookup and help coordinate bundle installation.

Low Initial and Installed Cost

Since Type 1224 "FR" has been designed with fire safety in mind, it may be considered for applications replacing expensive metallic or exotic plastic tubing. And, as with all Synflex bundles, many tubes are installed at one time, saving installation time and labor costs.

How to Specify

Example: 1224-40700
Synflex multiple tube bundle with (7) 1/4" O.D. x .040" "FR" polyethylene tubes, positioned adjacent and parallel, contained in an "FR" polyethylene jacket.

Technical Information

Specifications

Number of Tubes	Part Number	Net Weight Lbs./C'	Estimated Shipping Weight Lbs./C'	Maximum O.D. Inches	Jacket Thickness Inches	Recommended Minimum Bend Radius Inches	Recommended Maximum Pulling Tension Lbs.
5/32" O.D. x .030" wall							
2	1224-00200-004	3.7	4	3/8	.020	1	25
3	1224-00300-001	5.2	6	13/32	.020	1	30
1/4" O.D. x .040" wall							
2	1224-402	5.5	7	19/32	.040	1-1/2	65
3	1224-403	10.1	12	5/8	.062	1-1/2	105
4	1224-404	12.1	24	13/16	.062	2	140
5	1224-405	14.0	26	7/8	.062	2	160
7	1224-407	17.1	29	7/8	.062	2-1/2	190
8	1224-408	19.1	35	1-1132	.062	2-1/2	225
10	1224-410	22.2	39	1-118	.062	3	250
12	1224-412	25.4	41	1-1/8	.062	3-1/2	290
14	1224-414	28.7	45	1-1/4	.062	4	330
19	1224-419	36.0	53	1-3/8	.062	5	415
37	1224-437	66.8	96	1-59/64	.080	9	855
3/8" O.D. x .062" wall							
2	1224-602	12.7	26	7/8	.062	2	155
3	1224-603	16.3	30	7/8	.062	2	185
4	1224-604	21.5	37	1-3/16	.062	2-1/2	255
7	1224-607	31.1	46	1-114	.062	4	355
10	1224-610	41.3	72	1-5/8	.062	5	500
12	1224-612	48.7	79	1-45/64	.100	6	655
19	1224-619	75.0	103	2-5/64	.100	10	870
1/2" O.D. x .062" wall							
2	1224-802	23.0	38	1-1/8	.062	3-1/2	225
3	1224-803	31.7	41	1-118	.062	3-1/2	320
4	1224-804	40.1	55	1-112	.062	4	425

Note: Combination bundles are also available. Please contact your nearest sales office for details.

Material Characteristics

Tube Material	Material Standards	Jacket Material	Material Standards
"FR" Polyethylene	A proprietary black linear low-density "FR" polyethylene compound in which the base resin meets or exceeds ASTM D-1248 classification; Type 1, Class C, Category 4 and ASTM D-1693 for stress crack resistance. Flammability classification 94 V-2 when tested to UL94 test method. An Underwriters Laboratories recognized material.	Same as tube material	Same as tube material standards

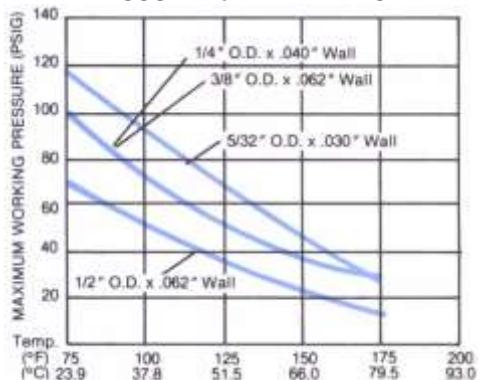
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Synflex 1224 "FR" Tubing

MAXIMUM RECOMMENDED WORKING PRESSURE vs. TEMPERATURE



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